Grade 3

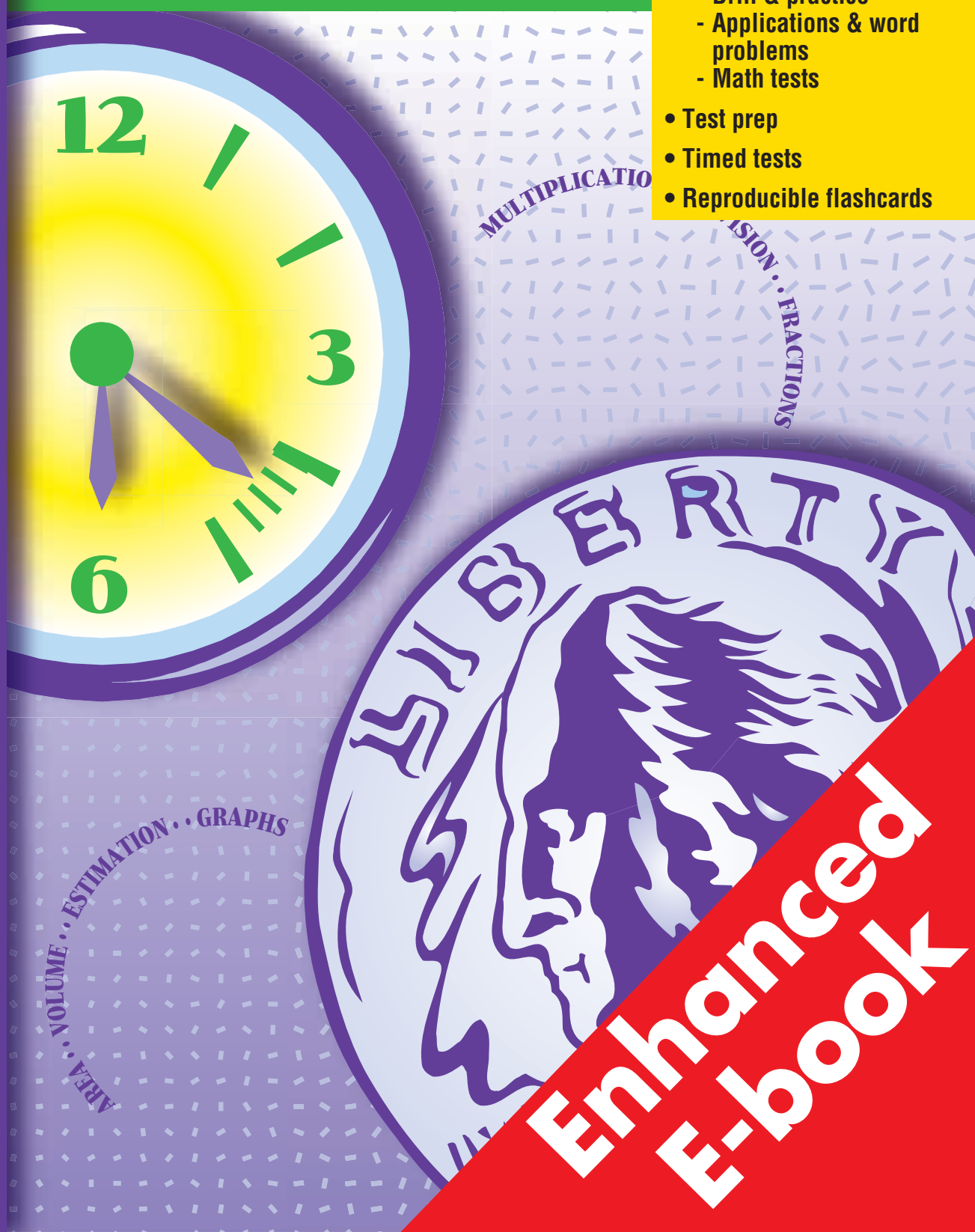
Evan-Moor®
EMC 3016

BASIC Math Skills

GRADE 3

Correlated to State Standards

- Aligned with NCTM Standards
  - Number & Operations
  - Algebra
  - Geometry
  - Measurement
  - Data Analysis & Probability
- Reproducible pages for:
  - Drill & practice
  - Applications & word problems
  - Math tests
- Test prep
- Timed tests
- Reproducible flashcards



Enhanced E-book

1-10,000

BASIC Math Skills GRADE 5

Basic Math Skills is divided into the following sections, which correspond to the strands of the NCTM content standards:

- Number and Operations
- Algebra
- Geometry
- Measurement
- Data Analysis and Probability

Each section includes a variety of reproducible pages that reinforce basic math skills taught at the fifth-grade level. These pages include:

- Games, puzzles, and mazes
- Drill and practice pages
- Problem solving and application practice
- Tests in standardized format

Also included is a resource section of materials that may be used to monitor, reinforce, and assess learning:

- Timed math tests
- Class record sheet
- Test answer form
- Awards
- Reproducible practice cards for multiplication and division facts

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CPSIA: Printed by McNaughton & Gunn, Saline, MI USA. [9/2011]

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Introduction

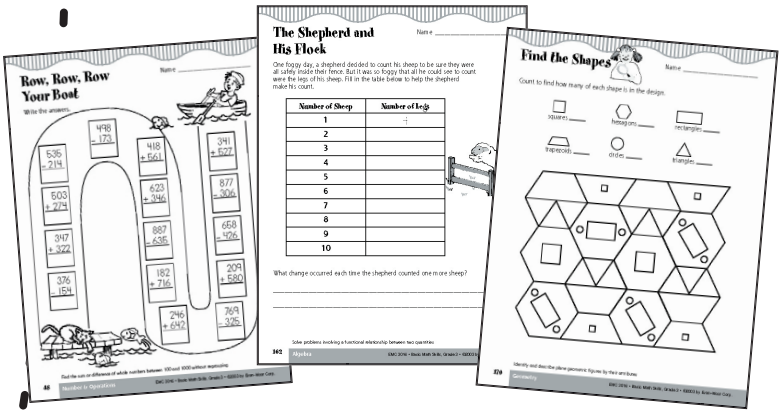
Basic Math Skills is based on current NCTM standards and is designed to support any math curriculum that you may be using in your classroom. The standard strands (Number and Operations, Algebra, Geometry, Measurement, and Data Analysis and Probability) and skills within the strand are listed on the overview page for each section of the book. The skill is also shown at the bottom of each reproducible page.

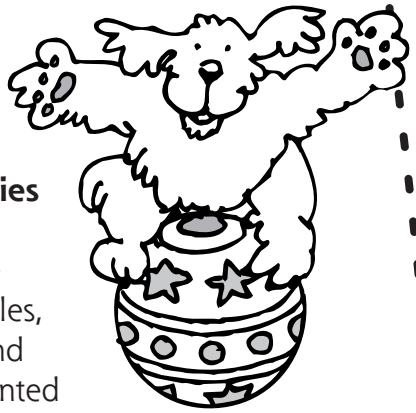
Opportunities to practice the process standards (Problem Solving, Reasoning and Proof, Communication, Connections, and Representation) are also provided as students complete the various types of activities in this resource book.

Basic Math Skills may be used as a resource providing practice of skills already introduced to students. Any page may be used with an individual child, as homework, with a small group, or by the whole class.

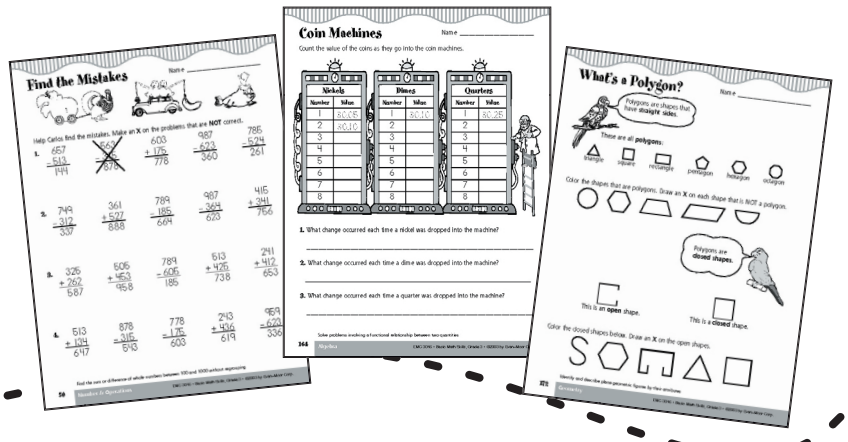
Skill Practice

Each skill is covered in a set of six reproducible pages that include the following:





"Fun" Activities
Students use the skill to complete dot-to-dots, riddles, mazes, codes, and other game-oriented activities.



Drill and Practice
These pages contain straightforward practice of the skill.

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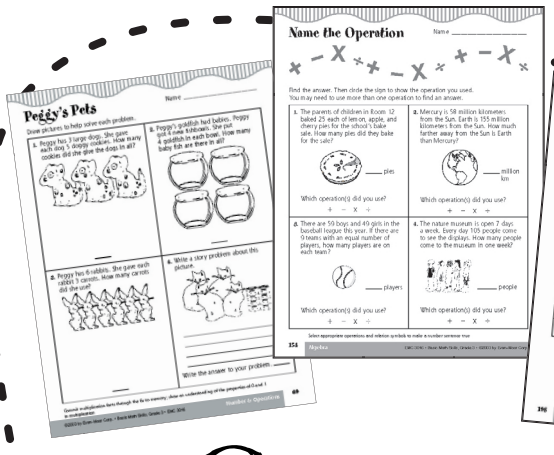
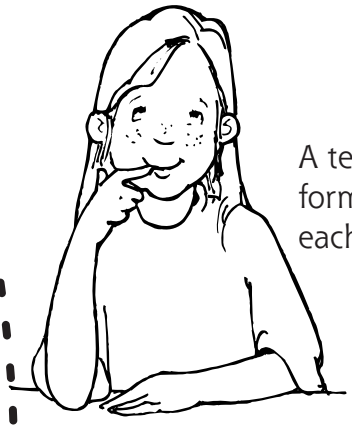


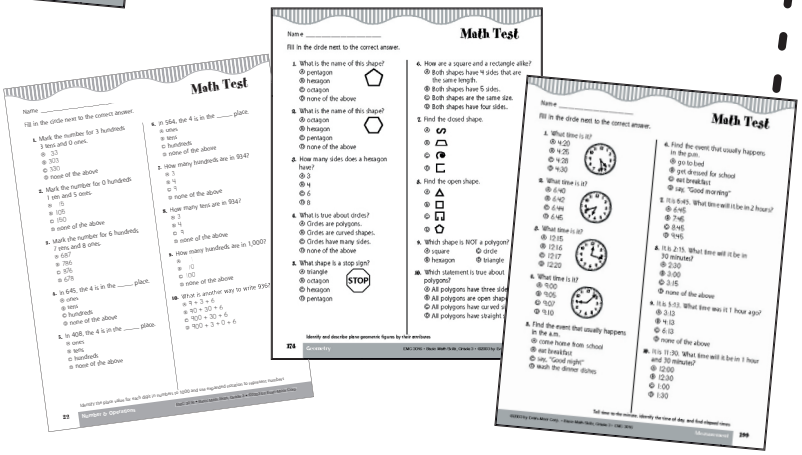
Application/Word Problem Activities

Students use the skill to problem solve and explore real-life situations.



Math Test

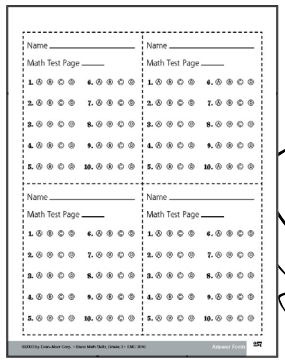
A test in standardized format is provided for each skill.

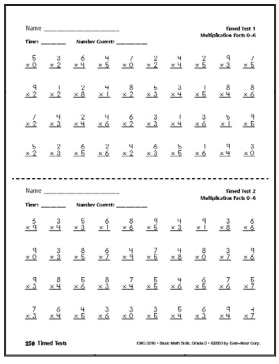


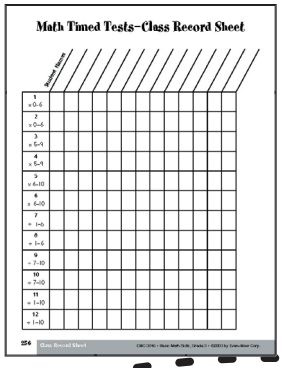
Additional Resources

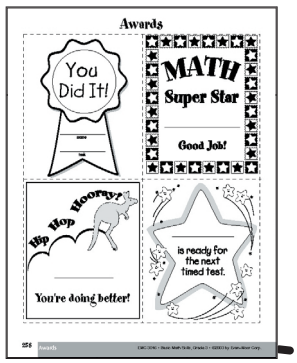
The following additional resources are also provided:

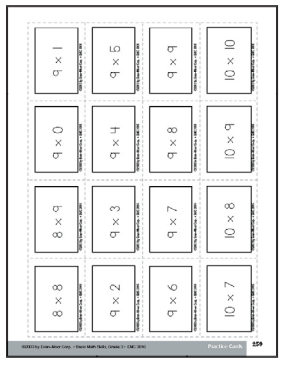
- Timed math tests
- Class record sheet
- Test answer form
- Awards
- Reproducible practice cards for multiplication and division facts











Number and Operations

Count, read, write, and compare whole numbers to 10,000

- Count, read, write, and compare whole numbers to 1000 5
- Count, read, write, and compare whole numbers to 10,000 11

Group thousands, hundreds, tens, and ones

- Identify the place value for digits in numbers to 1000 and use expanded notation to represent numbers 17
- Identify the place value for digits in numbers to 10,000 and use expanded notation to represent numbers 23
- Round off numbers to 10,000 to the nearest ten, hundred, and thousand 29

Add and subtract one-digit and multidigit numbers

- Find the sum or difference of whole numbers between 0 and 100 without regrouping; show an understanding of the relationship of addition and subtraction 35
- Find the sum or difference of whole numbers between 0 and 100 with regrouping 41
- Find the sum or difference of whole numbers between 100 and 1000 without regrouping 47
- Find the sum or difference of whole numbers between 100 and 1000 with regrouping 53
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Multiply and divide

- Commit multiplication facts through the 6s to memory; show an understanding of the properties of 0 and 1 in multiplication 65
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- Solve multiplication problems of multidigit numbers by one-digit numbers 83
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- Solve problems that require two or more operations 95
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- Identify and compare parts of a set of objects, and write equivalent fractions 107
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- Show the relationship between whole numbers, fractions, and decimals 119
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Identify, count, and compute coins and bills

- Find the value of coins and bills and write equivalent or greater amounts 131
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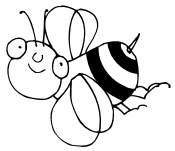
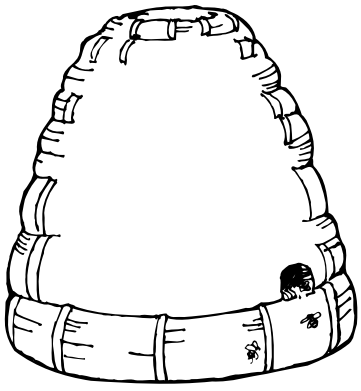
Heading Home

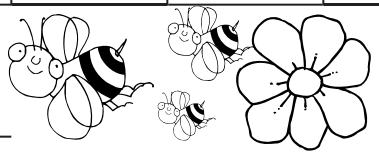
Name _____



Start at **100**.
Count by tens to help the bees get back to their hive.

							470	460
550	800	790						450
							730	
570								
		1,000						
							700	
					890			400
610	620	630						
300		320	330					
							220	210
120	130	140						200
110	100							



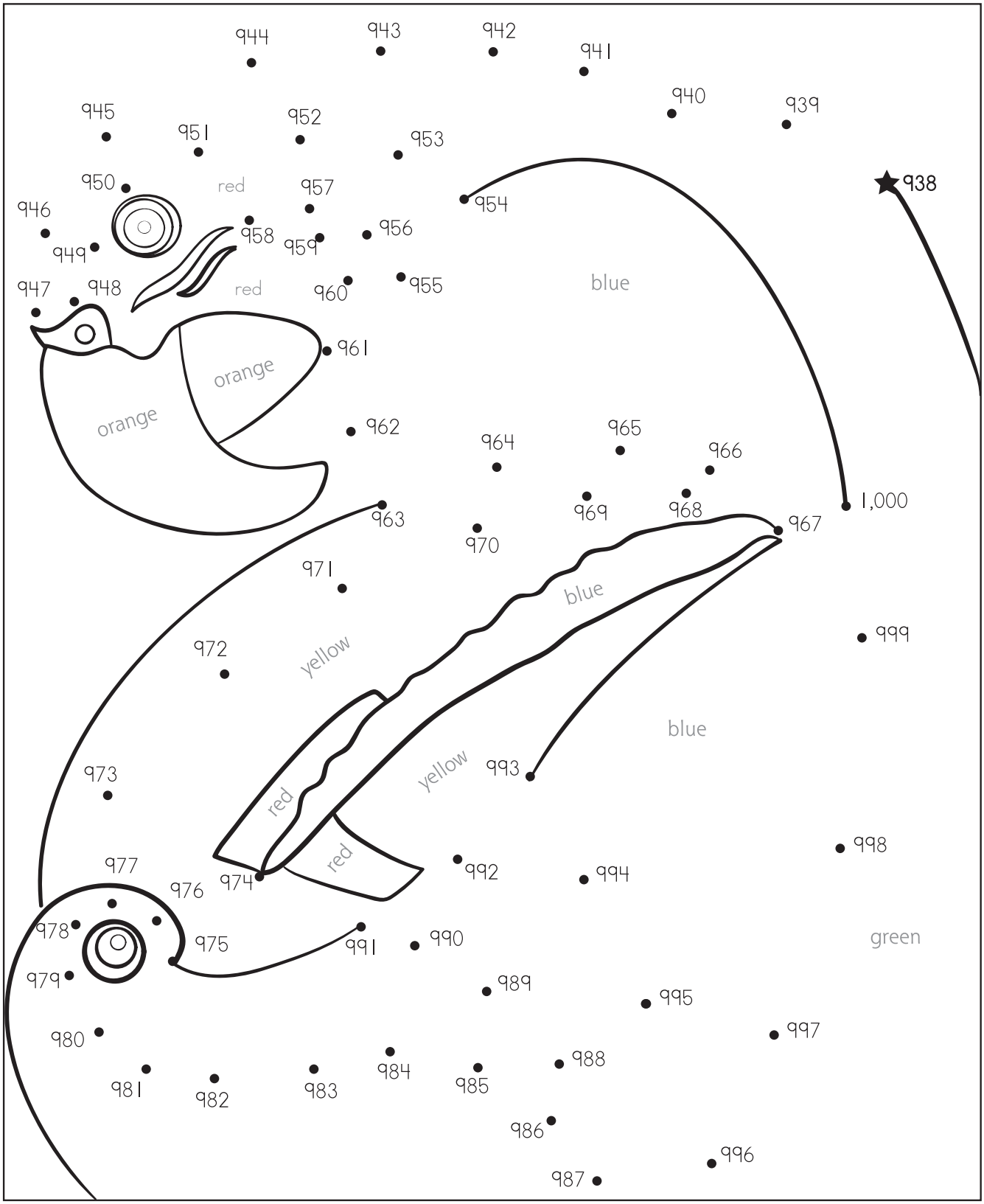


Count, read, write, and compare whole numbers to 1000

Who Is Hiding Here?

Name _____

Start at **938**. Connect the dots to find the mystery birds. Color the picture.



Count, read, write, and compare whole numbers to 1000

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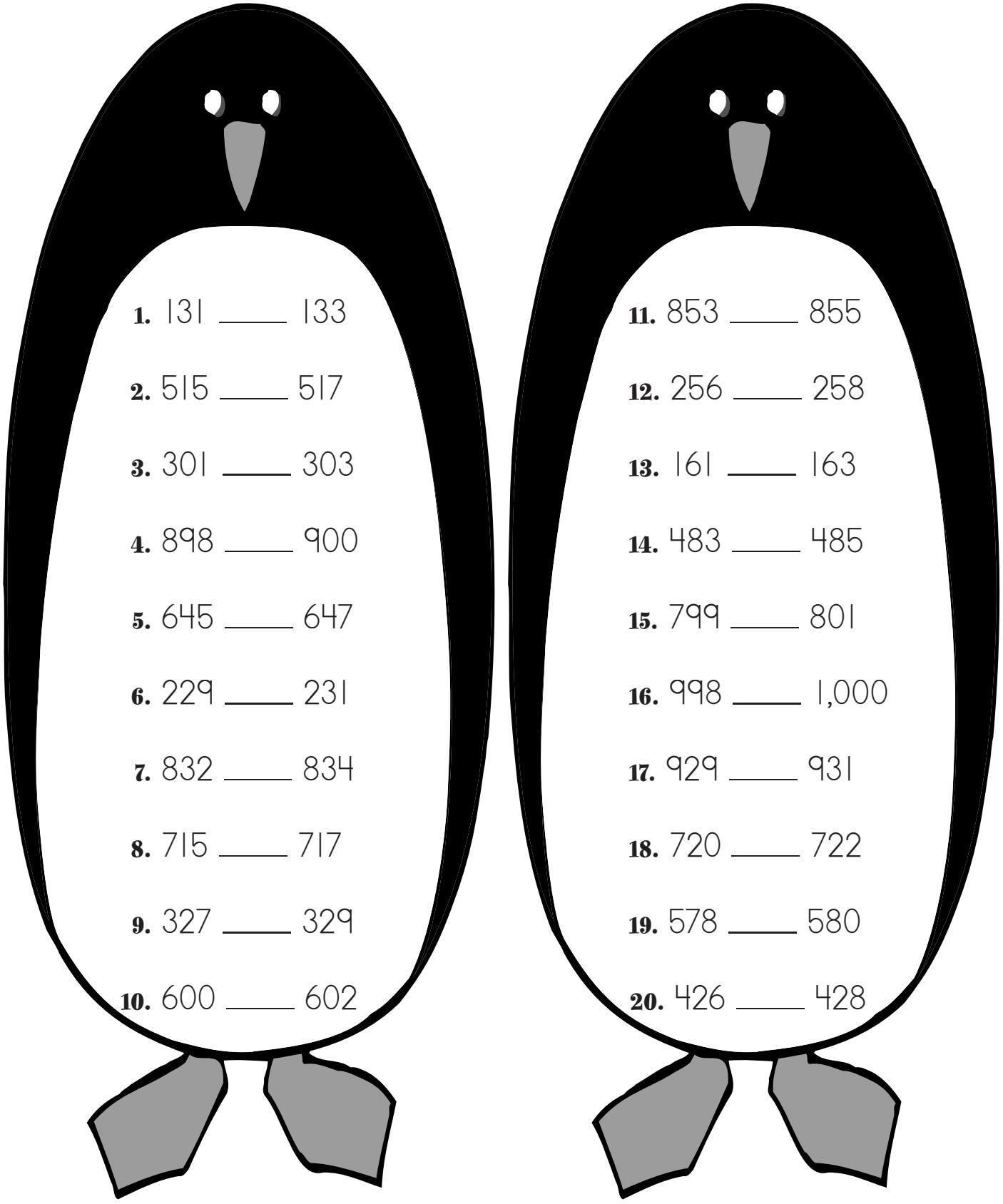
What's Missing?

Name _____

Write the missing numbers.



1. 131 ____ 133
2. 515 ____ 517
3. 301 ____ 303
4. 898 ____ 900
5. 645 ____ 647
6. 229 ____ 231
7. 832 ____ 834
8. 715 ____ 717
9. 327 ____ 329
10. 600 ____ 602
11. 853 ____ 855
12. 256 ____ 258
13. 161 ____ 163
14. 483 ____ 485
15. 799 ____ 801
16. 998 ____ 1,000
17. 929 ____ 931
18. 720 ____ 722
19. 578 ____ 580
20. 426 ____ 428

Count, read, write, and compare whole numbers to 1000

Keep on Counting

Name _____

Count on from the first number in each box.

248	539	874	990

Count, read, write, and compare whole numbers to 1000

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An Orderly Collection

Name _____

Kim has been collecting animal stamps. She mounts each stamp on a card and numbers it. She keeps the cards in order in boxes. Help Kim number her cards. Write the numbers in order beginning with **835**.

Count, read, write, and compare whole numbers to 1000

Name _____

Math Test

Fill in the circle next to the correct answer.

1. What number comes next?
256, 257, 258, 259, _____

Ⓐ 250
Ⓑ 240
Ⓒ 230
Ⓓ 260

2. Find the missing number.
735, _____, 737, 738

Ⓐ 733
Ⓑ 736
Ⓒ 735
Ⓓ 739

3. Find the missing number.
_____, 651, 652, 653

Ⓐ 655
Ⓑ 653
Ⓒ 656
Ⓓ 650

4. Find the numbers that are NOT in order.
Ⓐ 882, 883, 884, 885
Ⓑ 930, 931, 932, 933
Ⓒ 754, 765, 766, 767
Ⓓ 400, 401, 402, 403

5. Which number is greater than 500?
Ⓐ 455
Ⓑ 490
Ⓒ 499
Ⓓ 576

6. Which number is less than 300?
Ⓐ 238
Ⓑ 550
Ⓒ 310
Ⓓ 437

7. Which number is 10 more than 750?
Ⓐ 751
Ⓑ 755
Ⓒ 760
Ⓓ 800

8. Which number is 10 less than 990?
Ⓐ 800
Ⓑ 890
Ⓒ 900
Ⓓ 980

9. Which number is 100 more than 385?
Ⓐ 834
Ⓑ 543
Ⓒ 485
Ⓓ 583

10. Which number is 100 less than 1,000?
Ⓐ 900
Ⓑ 910
Ⓒ 950
Ⓓ 999

Count, read, write, and compare whole numbers to 1000

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Race to 10,000

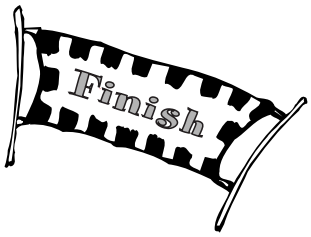
Name _____

Fill in the missing numbers.

9,990 9,991 _____ _____

_____ _____ _____ _____

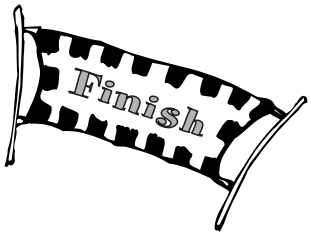
_____ _____ 10,000



9,000 9,100 _____ _____ _____

_____ _____ _____ _____

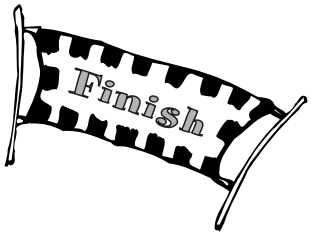
_____ 10,000



1,000 2,000 _____ _____ _____

_____ _____ _____

_____ 10,000

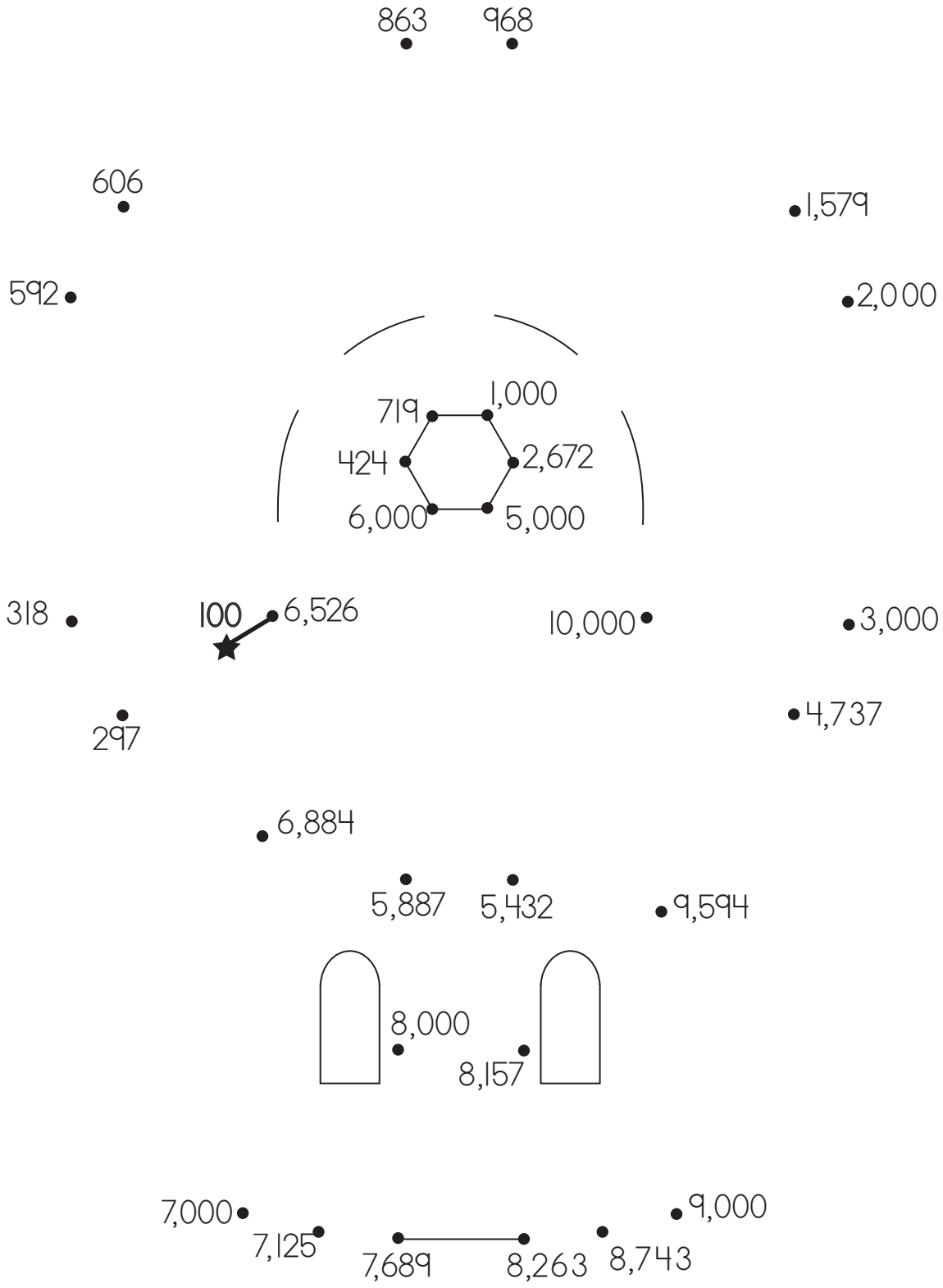


Count, read, write, and compare whole numbers to 10,000

Mystery Picture

Name _____

Start at **100**. Connect the dots in order from the lowest to the highest number.



This is a _____.

ceiling fan propeller windmill

Count, read, write, and compare whole numbers to 10,000

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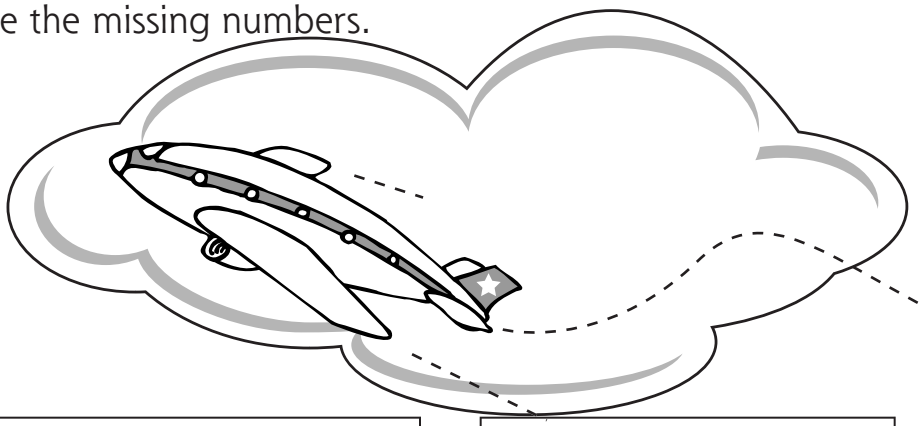
What's Missing?

Name _____

Write the missing numbers.



In-between	After	Before
1. 2,134 _____ 2,136	**1.** 1,312 _____	**1.** _____ 1,855
2. 5,301 _____ 5,303	**2.** 5,154 _____	**2.** _____ 2,258
3. 8,645 _____ 8,647	**3.** 3,018 _____	**3.** _____ 4,163
4. 6,999 _____ 7,001	**4.** 8,986 _____	**4.** _____ 1,485
5. 3,832 _____ 3,834	**5.** 6,455 _____	**5.** _____ 3,801
6. 1,600 _____ 1,602	**6.** 2,290 _____	**6.** _____ 1,000
7. 6,899 _____ 6,901	**7.** 8,323 _____	**7.** _____ 5,931
8. 4,853 _____ 4,855	**8.** 7,151 _____	**8.** _____ 8,722
9. 7,578 _____ 7,580	**9.** 3,277 _____	**9.** _____ 6,580
10. 9,998 _____ 10,000	**10.** 9,999 _____	**10.** _____ 10,000

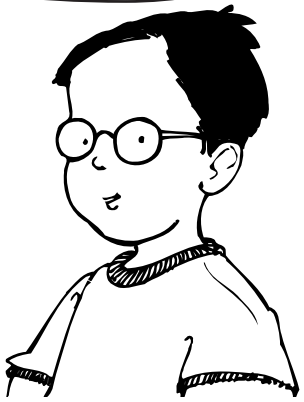
Count, read, write, and compare whole numbers to 10,000

Least to Greatest

Name _____

Write the numbers in order.

1.	20 10	80 20	30	90	10	70
2.	191	267	235	259	188	243
3.	125	75	150	100	175	50
4.	9,000	5,000	7,000	10,000	8,000	6,000
5.	3,162	3,602	3,216	3,612	3,206	3,126
6.	5,998	6,001	5,997	5,999	5,995	6,000



Count, read, write, and compare whole numbers to 10,000

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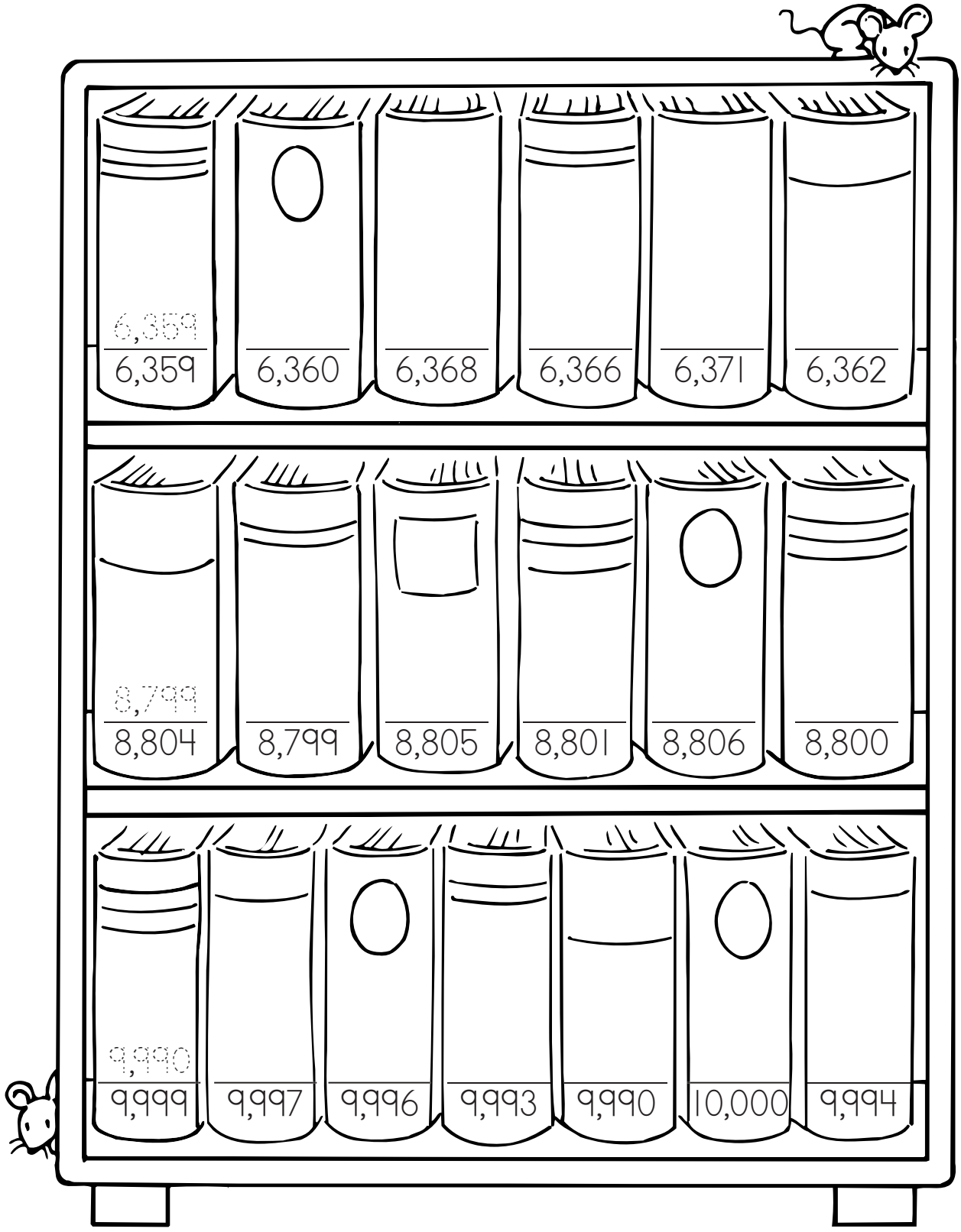
Library Helper

Name _____

Your job today is to help the librarian by shelving books in order. Write the correct number on the spine of each book. Hint: Some numbers are missing in each row.



Count, read, write, and compare whole numbers to 10,000

Name _____

Math Test

Fill in the circle next to the correct answer.

1. What number comes next?
4,568 4,569 4,570 _____

Ⓐ 4,575
Ⓑ 4,571
© 4,577
Ⓓ 4,581

2. Find the missing number.
7,344 7,345 _____ 7,347

Ⓐ 7,346
Ⓑ 7,356
© 7,360
Ⓓ 7,449

3. Find the missing number.
_____ 1,641 1,642

Ⓐ 1,645
Ⓑ 1,643
© 1,650
Ⓓ 1,640

4. Which numbers are NOT in order?
Ⓐ 1,000 2,000 3,000 4,000
Ⓑ 8,264 8,265 8,266 8,267
© 6,300 6,401 6,302 6,303
Ⓓ 4,000 4,001 4,002 4,003

5. Which number is more than 5,000?
Ⓐ 4,550
Ⓑ 4,900
© 4,990
Ⓓ 5,760

6. Which number is less than 4,000?
Ⓐ 2,380
Ⓑ 5,500
© 4,100
Ⓓ 4,370

7. Which number is 100 more than 4,830?
Ⓐ 4,930
Ⓑ 5,430
© 8,340
Ⓓ 8,830

8. Which number is 100 less than 9,900?
Ⓐ 8,000
Ⓑ 9,000
© 9,090
Ⓓ 9,800

9. Which number is 1,000 more than 6,500?
Ⓐ 7,051
Ⓑ 7,500
© 6,760
Ⓓ 8,000

10. Which number is 1,000 less than 10,000?
Ⓐ 9,500
Ⓑ 9,100
© 9,000
Ⓓ 9,990

Count, read, write, and compare whole numbers to 10,000

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Bear Snack

Name _____

Bear only eats honey from pots **greater than 500**. Write the numbers and then color the pots to show which honey Bear will eat.

246

2 hundreds 4 tens 6 ones

1 hundred 8 tens 2 ones

5 hundreds 6 tens 4 ones

9 hundreds 9 tens 3 ones

3 hundreds 3 tens 0 ones

6 hundreds 7 tens 8 ones

0 hundreds 1 ten 5 ones

8 hundreds 5 tens 1 one

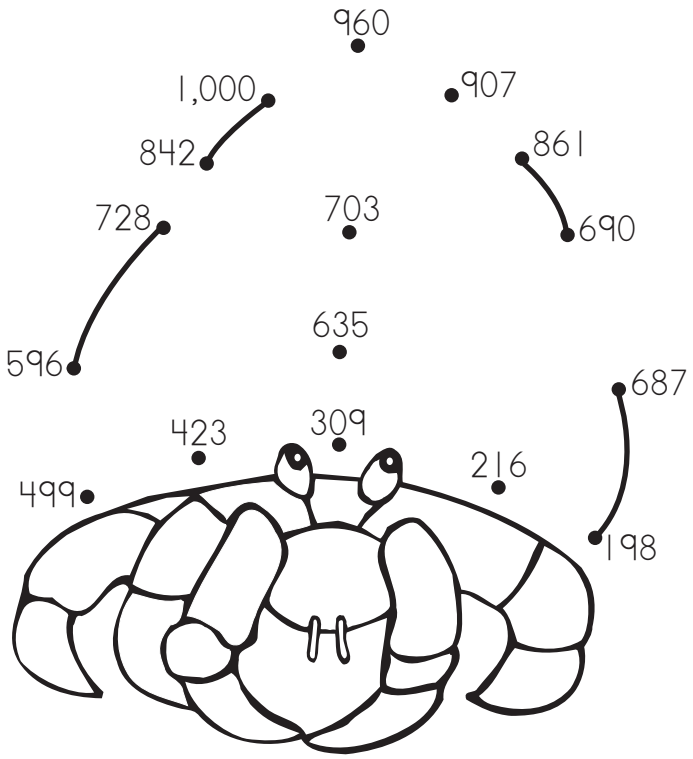
10 hundreds 0 tens 0 ones

Identify the place value for each digit in numbers to 1000 and use expanded notation to represent numbers

Tide Pool Surprise

Name _____

Connect the dots in order from lowest to highest to complete the shell.



Write the numbers.

hundreds	tens	ones	= ?
2	1	6	216
6	3	5	
7	0	3	
1	9	8	
4	2	3	
6	8	7	
8	4	2	
9	0	7	

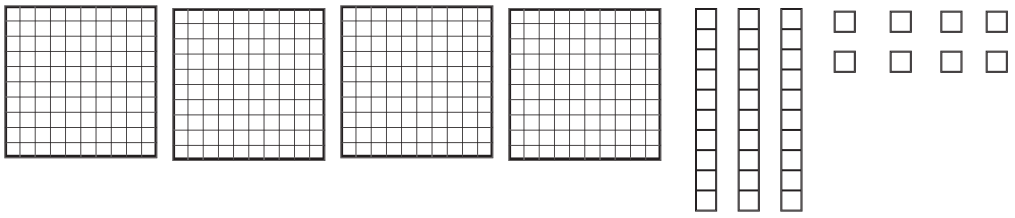
hundreds	tens	ones	= ?
6	9	0	
4	9	9	
7	2	8	
9	6	0	
8	6	1	
3	0	9	
5	9	6	
10	0	0	

Identify the place value for each digit in numbers to 1000 and use expanded notation to represent numbers

What Is the Number?

Name _____

Write the answer.



4 hundreds + 3 tens + 8 ones = 438

400 + 30 + 8 = 438

1. 9 hundreds + 7 tens + 0 ones = _____

_____ + _____ + _____ = _____

2. 4 hundreds + 0 tens + 3 ones = _____

_____ + _____ + _____ = _____

3. 0 hundreds + 6 tens + 9 ones = _____

_____ + _____ + _____ = _____

4. 8 hundreds + 9 tens + 2 ones = _____

_____ + _____ + _____ = _____

5. 2 hundreds + 1 ten + 1 one = _____

_____ + _____ + _____ = _____

6. 6 hundreds + 0 tens + 4 ones = _____

_____ + _____ + _____ = _____

7. 3 hundreds + 8 tens + 4 ones = _____

_____ + _____ + _____ = _____

8. 10 hundreds + 0 tens + 0 ones = _____

_____ + _____ + _____ = _____

Identify the place value for each digit in numbers to 1000 and use expanded notation to represent numbers

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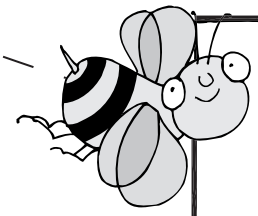
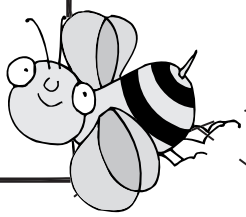
Hundreds, Tens, Ones

Name _____



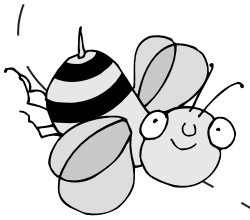
465

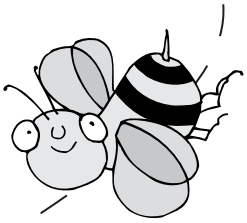
The **4** is in the **hundreds** place.
The **6** is in the **tens** place.
The **5** is in the **ones** place.

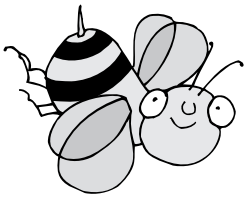


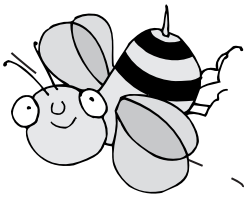
Write the place value.

1. 235 The 3 is in the tens place.
2. 473 The 4 is in the _____ place.
3. 915 The 9 is in the _____ place.
4. 796 The 6 is in the _____ place.
5. 852 The 2 is in the _____ place.
6. 159 The 5 is in the _____ place.
7. 510 The 5 is in the _____ place.
8. 789 The 9 is in the _____ place.
9. 361 The 3 is in the _____ place.
10. 605 The 0 is in the _____ place.
11. 217 The 1 is in the _____ place.
12. 518 The 8 is in the _____ place.









Identify the place value for each digit in numbers to 1000 and use expanded notation to represent numbers

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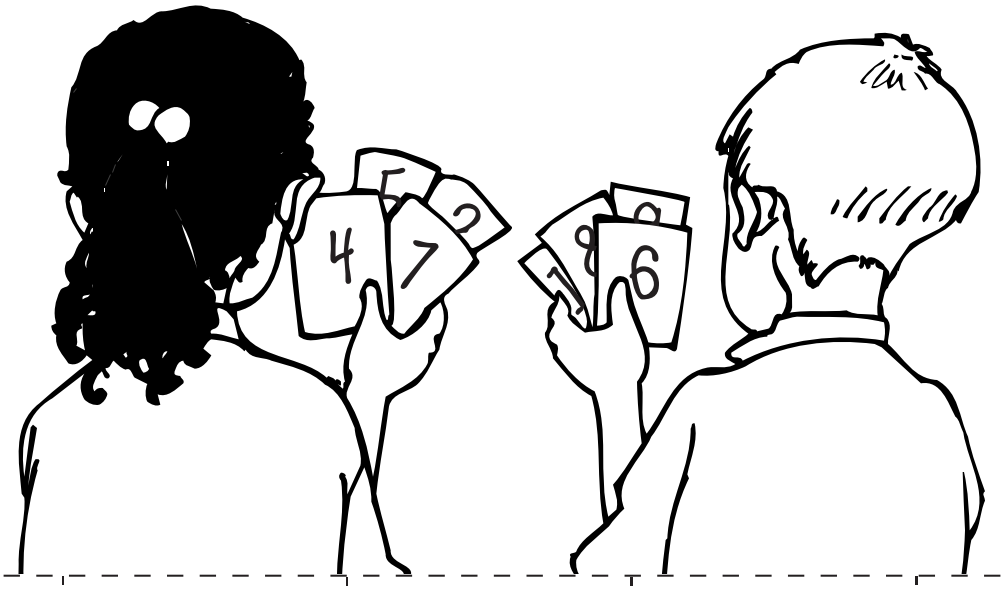
Make a Number

Name _____

Cut out the cards at the bottom of the page. Your job is to see how many three-digit numbers you can make from four cards. Invite a friend to play along.

Rules:

1. Turn the cards facedown and mix them up.
2. Take four cards and a sheet of paper.
3. Write three-digit numbers using only the numbers on your cards.



0	1	2	3	4
5	6	7	8	9

Identify the place value for each digit in numbers to 1000 and use expanded notation to represent numbers

Name _____

Math Test

Fill in the circle next to the correct answer.

1. Mark the number for 3 hundreds 3 tens and 0 ones.
- Ⓐ 33
- Ⓑ 303
- Ⓒ 330
- Ⓓ none of the above

2. Mark the number for 0 hundreds 1 ten and 5 ones.
- Ⓐ 15
- Ⓑ 105
- Ⓒ 150
- Ⓓ none of the above

3. Mark the number for 6 hundreds 7 tens and 8 ones.
- Ⓐ 687
- Ⓑ 786
- Ⓒ 876
- Ⓓ 678

4. In 645, the 4 is in the _____ place.
- Ⓐ ones
- Ⓑ tens
- Ⓒ hundreds
- Ⓓ none of the above

5. In 408, the 4 is in the _____ place.
- Ⓐ ones
- Ⓑ tens
- Ⓒ hundreds
- Ⓓ none of the above

6. In 564, the 4 is in the _____ place.
- Ⓐ ones
- Ⓑ tens
- Ⓒ hundreds
- Ⓓ none of the above

7. How many hundreds are in 934?
- Ⓐ 3
- Ⓑ 4
- Ⓒ 9
- Ⓓ none of the above

8. How many tens are in 934?
- Ⓐ 3
- Ⓑ 4
- Ⓒ 9
- Ⓓ none of the above

9. How many hundreds are in 1,000?
- Ⓐ 1
- Ⓑ 10
- Ⓒ 100
- Ⓓ none of the above

10. What is another way to write 936?
- Ⓐ 9 + 3 + 6
- Ⓑ 90 + 30 + 6
- Ⓒ 900 + 30 + 6
- Ⓓ 900 + 3 + 0 + 6

Identify the place value for each digit in numbers to 1000 and use expanded notation to represent numbers

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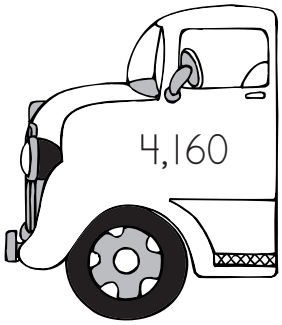
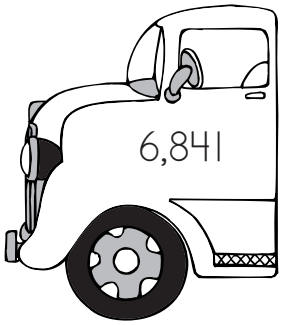
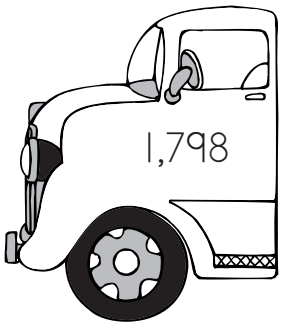
Make a Match

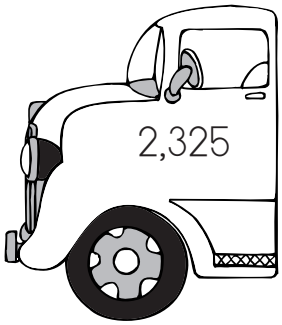
Name _____

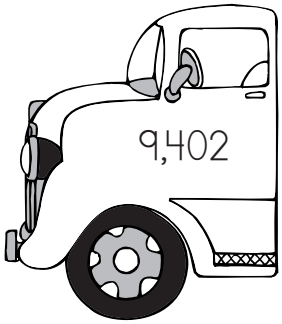
Draw a line between the numbers that equal the same amount.

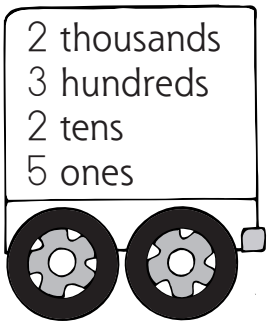


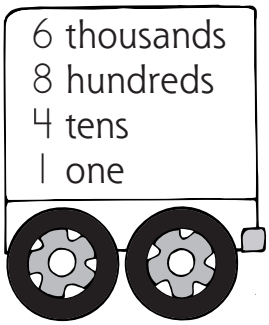


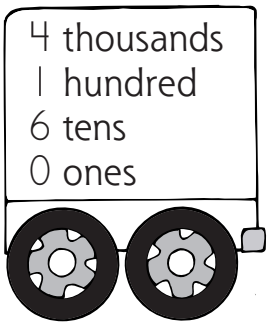


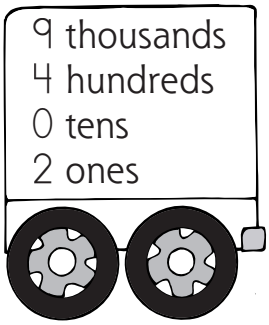


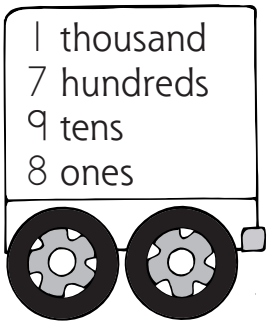








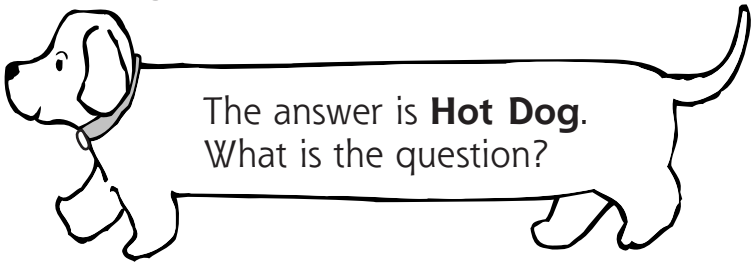




Identify the place value for each digit in numbers to 10,000 and use expanded notation to represent numbers

What Is the Question?

Name _____



Write the numbers. Then write the letters on the lines at the bottom of the page to find the question.

1,000 + 200 + 30 + 5 = 1,235 —**A**

3,000 + 500 + 10 + 1 = _____ —**C**

6,000 + 400 + 60 + 6 = _____ —**E**

9,000 + 700 + 90 + 2 = _____ —**F**

2,000 + 300 + 20 + 7 = _____ —**H**

7,000 + 800 + 50 + 3 = _____ —**I**

4,000 + 100 + 70 + 8 = _____ —**L**

8,000 + 900 + 40 + 1 = _____ —**O**

5,000 + 600 + 80 + 4 = _____ —**P**

1,000 + 100 + 10 + 9 = _____ —**S**

3,000 + 800 + 70 + 3 = _____ —**T**

9,000 + 400 + 50 + 1 = _____ —**W**

W									
9,451	2,327	1,235	3,873	7,853	1,119	3,873	2,327	6,466	

8,941	5,684	5,684	8,941	1,119	7,853	3,873	6,466

8,941	9,792	1,235	3,511	8,941	8,941	4,178	3,511	1,235	3,873	?

Identify the place value for each digit in numbers to 10,000 and use expanded notation to represent numbers

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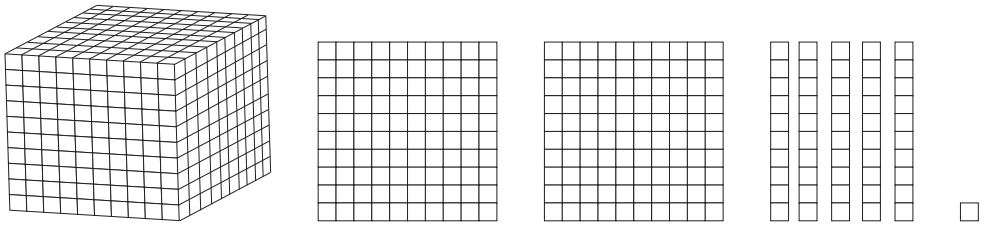
What Is the Number?

Name _____

Write the answer.



1 thousand + 2 hundreds + 5 tens + 1 one = 1,251

1,000 + 200 + 50 + 1 = 1,251

1. 2 thousands + 4 hundreds + 2 tens + 7 ones

_____ + _____ + _____ + _____ = _____

2. 3 thousands + 1 hundred + 7 tens + 0 ones

_____ + _____ + _____ + _____ = _____

3. 9 thousands + 1 hundred + 2 tens + 6 ones

_____ + _____ + _____ + _____ = _____

4. 6 thousands + 9 hundreds + 7 tens + 0 ones

_____ + _____ + _____ + _____ = _____

5. 4 thousands + 6 hundreds + 3 tens + 8 ones

_____ + _____ + _____ + _____ = _____

6. 2 thousands + 0 hundreds + 4 tens + 3 ones

_____ + _____ + _____ + _____ = _____

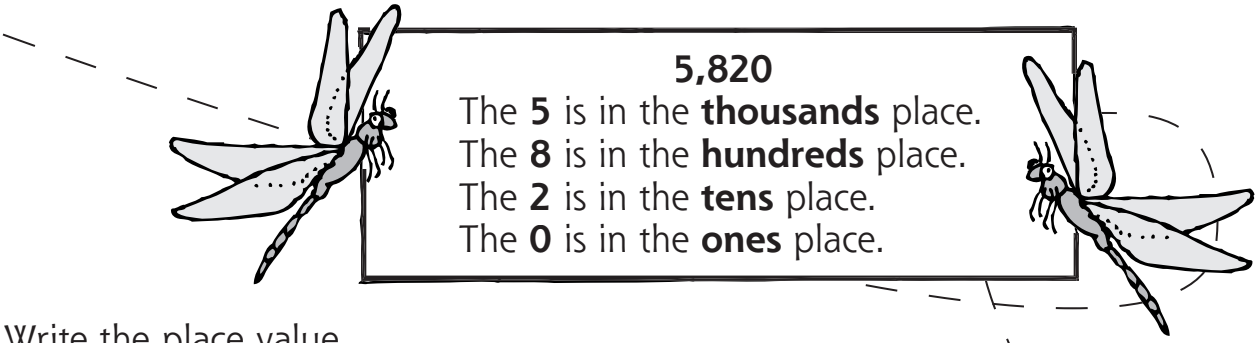
7. 9 thousands + 8 hundreds + 7 tens + 2 ones

_____ + _____ + _____ + _____ = _____

Identify the place value for each digit in numbers to 10,000 and use expanded notation to represent numbers

Thousands, Hundreds, Tens, Ones

Name _____



5,820
The **5** is in the **thousands** place.
The **8** is in the **hundreds** place.
The **2** is in the **tens** place.
The **0** is in the **ones** place.

Write the place value.

1. 2,635 The 3 is in the tens place.

2. 4,730 The 4 is in the _____ place.

3. 7,915 The 9 is in the _____ place.

4. 9,296 The 6 is in the _____ place.

5. 8,502 The 2 is in the _____ place.

6. 3,159 The 5 is in the _____ place.

7. 5,140 The 5 is in the _____ place.

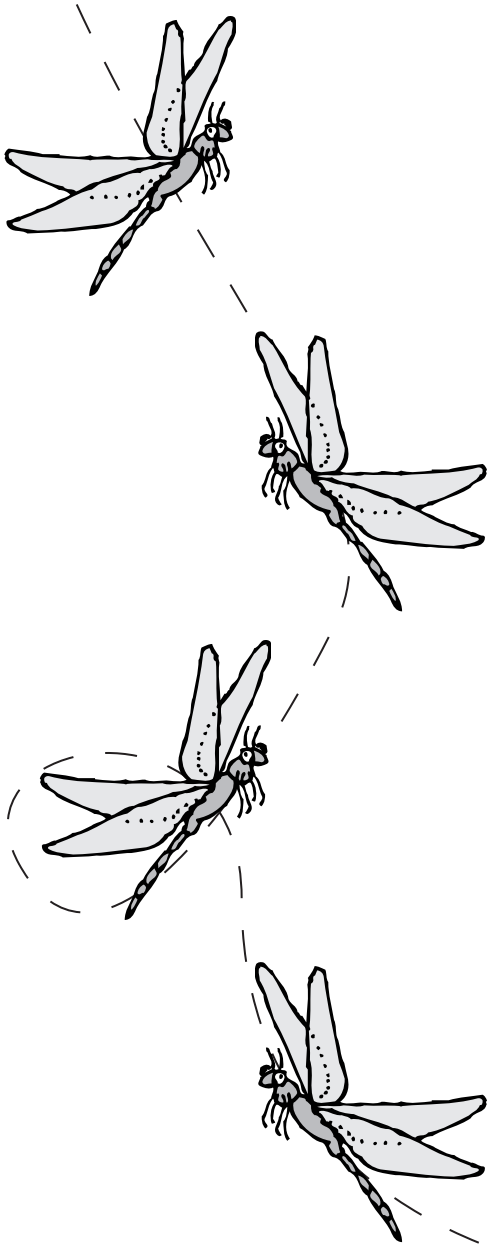
8. 7,089 The 9 is in the _____ place.

9. 3,561 The 3 is in the _____ place.

10. 6,605 The 0 is in the _____ place.

11. 2,187 The 1 is in the _____ place.

12. 5,418 The 8 is in the _____ place.



Identify the place value for each digit in numbers to 10,000 and use expanded notation to represent numbers

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Number Challenge

Name _____

Use the four numbers in each box to make the **largest** number possible.
Then expand the number to show the place value of each digit.

1. 4, 2, 6, 0

The largest number is _____.

_____ thousands

_____ hundreds

_____ tens

_____ ones

2. 1, 9, 3, 8

The largest number is _____.

_____ thousands

_____ hundreds

_____ tens

_____ ones

3. 7, 4, 9, 8

The largest number is _____.

_____ thousands

_____ hundreds

_____ tens

_____ ones

4. 7, 5, 9, 2

The largest number is _____.

_____ thousands

_____ hundreds

_____ tens

_____ ones

5. 2, 6, 3, 4

The largest number is _____.

_____ thousands

_____ hundreds

_____ tens

_____ ones

6. 0, 1, 1, 0

The largest number is _____.

_____ thousands

_____ hundreds

_____ tens

_____ ones

Identify the place value for each digit in numbers to 10,000 and use expanded notation to represent numbers

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Name _____

Math Test

Fill in the circle next to the correct answer.

1. Mark the number for 3 thousands 0 hundreds 3 tens and 0 ones.
- Ⓐ 3,003
- Ⓑ 3,030
- Ⓒ 3,300
- Ⓓ none of the above

2. Mark the number for 0 thousands 6 hundreds 1 ten and 5 ones.
- Ⓐ 6,150
- Ⓑ 1,560
- Ⓒ 1,605
- Ⓓ none of the above

3. Mark the number for 4 thousands 2 hundreds 7 tens and 8 ones.
- Ⓐ 2,487
- Ⓑ 2,784
- Ⓒ 4,278
- Ⓓ 7,482

4. In 6,345, the 4 is in the _____ place.
- Ⓐ ones
- Ⓑ tens
- Ⓒ hundreds
- Ⓓ thousands

5. In 4,608, the 4 is in the _____ place.
- Ⓐ ones
- Ⓑ tens
- Ⓒ hundreds
- Ⓓ thousands

6. In 5,684, the 4 is in the _____ place.
- Ⓐ ones
- Ⓑ tens
- Ⓒ hundreds
- Ⓓ thousands

7. What is another way to write 3,896?
- Ⓐ 3 + 8 + 9 + 6
- Ⓑ 3,000 + 800 + 90 + 6
- Ⓒ 300 + 80 + 9 + 6
- Ⓓ 300 + 800 + 90 + 6

8. How many tens are in 5,934?
- Ⓐ 3
- Ⓑ 4
- Ⓒ 5
- Ⓓ 9

9. How many thousands are in 5,934?
- Ⓐ 3
- Ⓑ 4
- Ⓒ 5
- Ⓓ 9

10. How many thousands are in 10,000?
- Ⓐ 1
- Ⓑ 10
- Ⓒ 100
- Ⓓ none of the above

Identify the place value for each digit in numbers to 10,000 and use expanded notation to represent numbers

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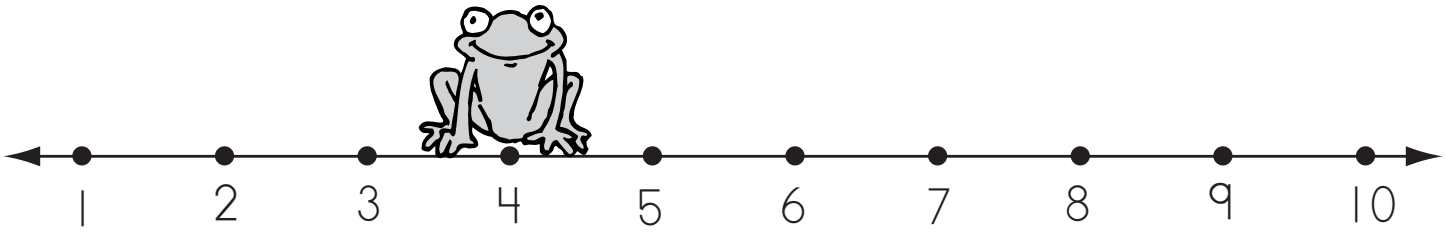
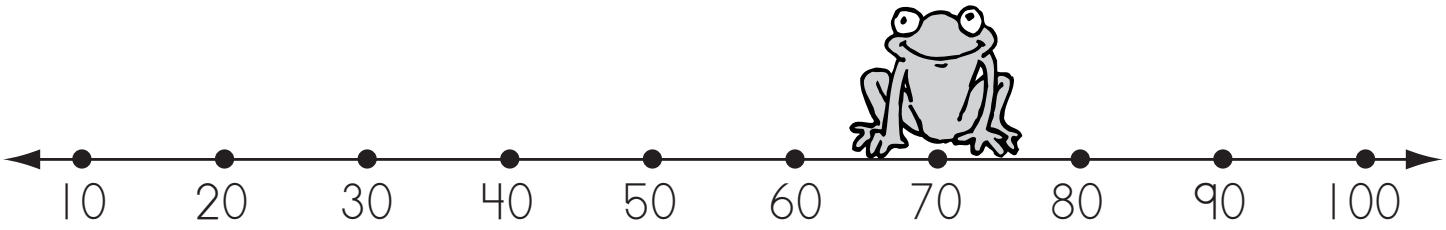
Where's Wilber?

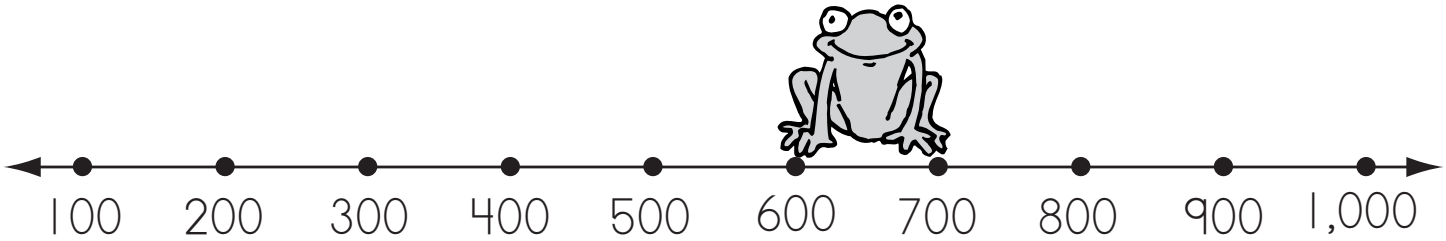
Name _____



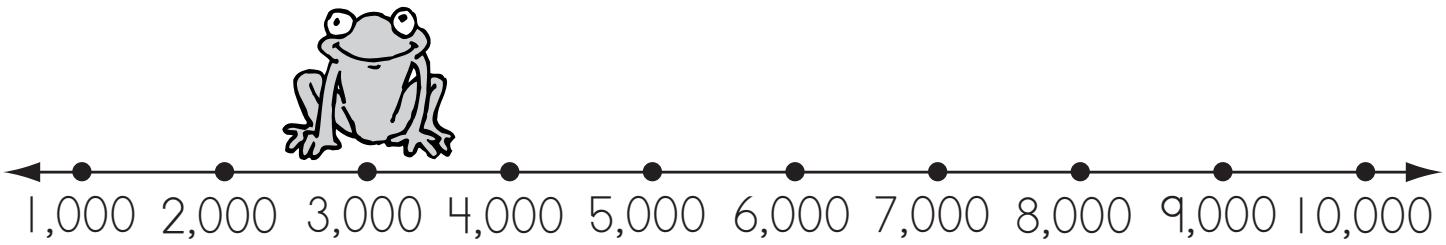
1. Is Wilber closer to 1 or 10? _____



2. Is Wilber closer to 10 or 100? _____



3. Is Wilber closer to 100 or 1,000? _____

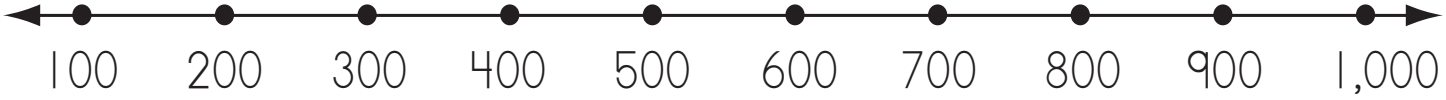


4. Is Wilber closer to 1,000 or 10,000? _____

Round off numbers to 10,000 to the nearest ten, hundred, and thousand

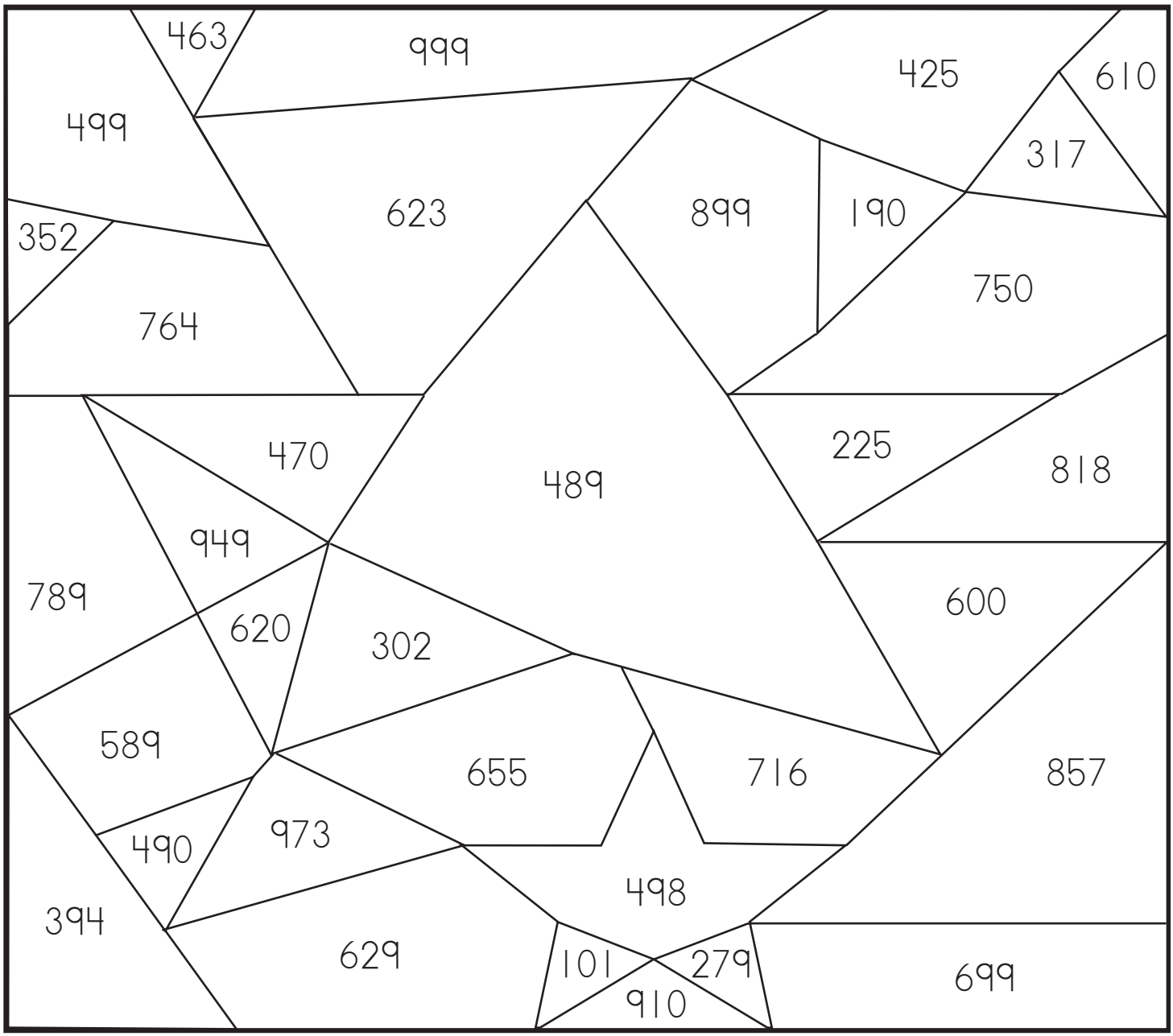
Star Search

Name _____



Color the spaces to find the hidden stars.

numbers nearer **1,000**—blue
numbers nearer **100**—yellow



How many whole stars did you find? _____

How many parts of stars did you find? _____

Round off numbers to 10,000 to the nearest ten, hundred, and thousand

Rounding Numbers

Name _____

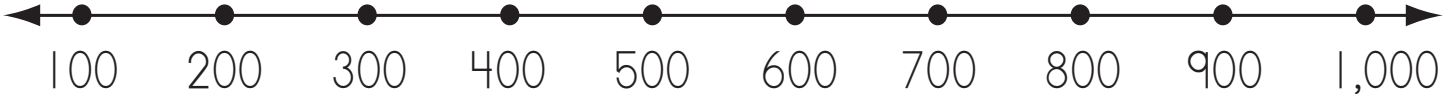
Use the number lines to help you round these numbers.

Round to the nearest **ten**.

39 _____ 52 _____ 53 _____

64 _____ 87 _____ 26 _____

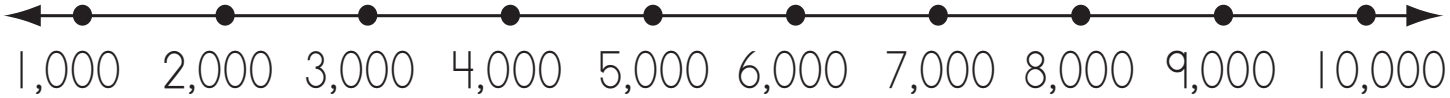
Round to the nearest **hundred**.



199 _____ 540 _____ 225 _____

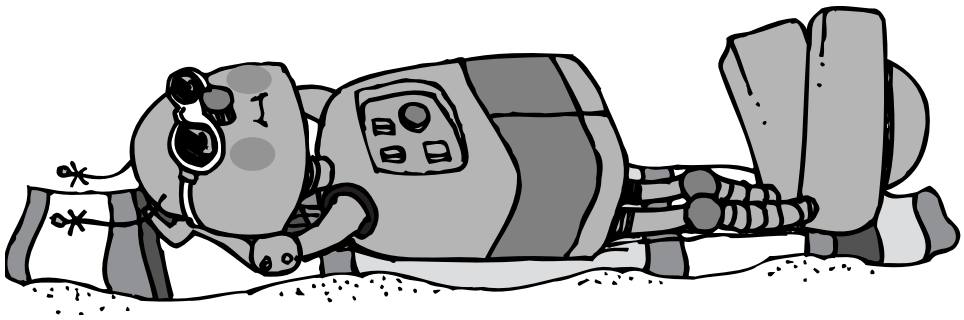
306 _____ 863 _____ 685 _____

Round to the nearest **thousand**.



8,127 _____ 6,800 _____ 5,572 _____

2,916 _____ 1,439 _____ 4,789 _____



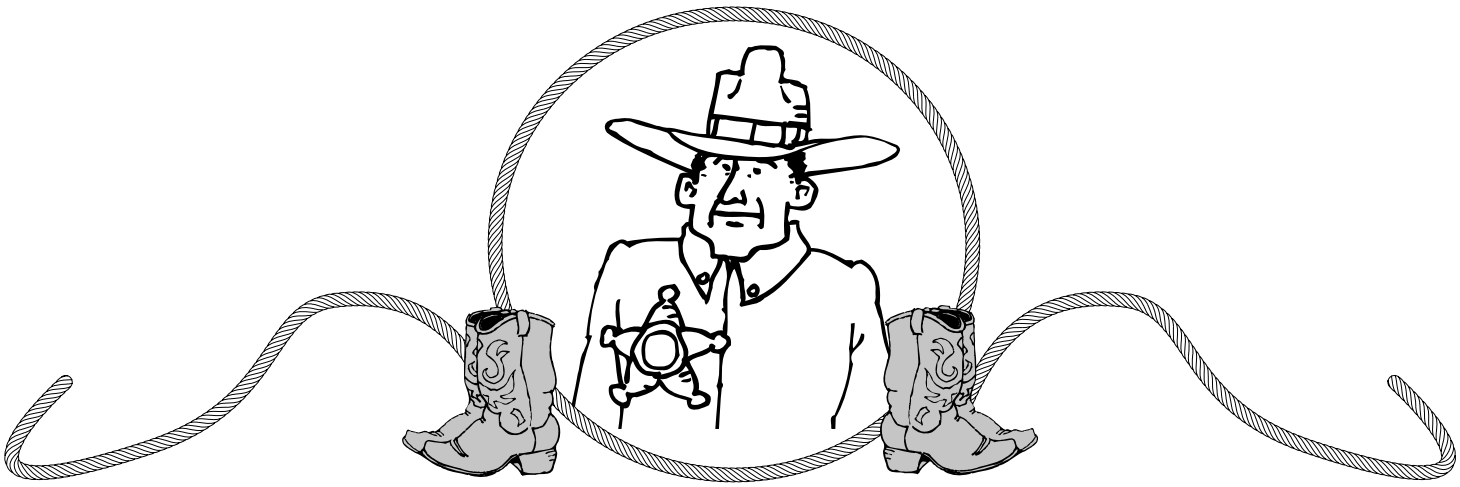
Round off numbers to 10,000 to the nearest ten, hundred, and thousand

Rounding Challenge

Name _____

Round each number.

1. 4,639 Round to the nearest ten 4,640 Round to the nearest hundred 4,600 Round to the nearest thousand 5,000	**2.** 6,872 Round to the nearest ten _____ Round to the nearest hundred _____ Round to the nearest thousand _____
3. 2,356 Round to the nearest ten _____ Round to the nearest hundred _____ Round to the nearest thousand _____	**4.** 1,328 Round to the nearest ten _____ Round to the nearest hundred _____ Round to the nearest thousand _____
5. 8,652 Round to the nearest ten _____ Round to the nearest hundred _____ Round to the nearest thousand _____	**6.** 4,771 Round to the nearest ten _____ Round to the nearest hundred _____ Round to the nearest thousand _____



Round off numbers to 10,000 to the nearest ten, hundred, and thousand

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Rounding Rules

Name _____

Draw a line under the digit to which you are rounding.
Circle the digit to the right.
Round **up** if that digit is **5 or greater.**
Round **down** if that digit is **less than 5**.

Round to the nearest **10**.

1. 437 I round up to get 440.

2. 602 I round _____ to get _____.

3. 3,245 I round _____ to get _____.

Round to the nearest **100**.

4. 836 I round _____ to get _____.

5. 8,194 I round _____ to get _____.

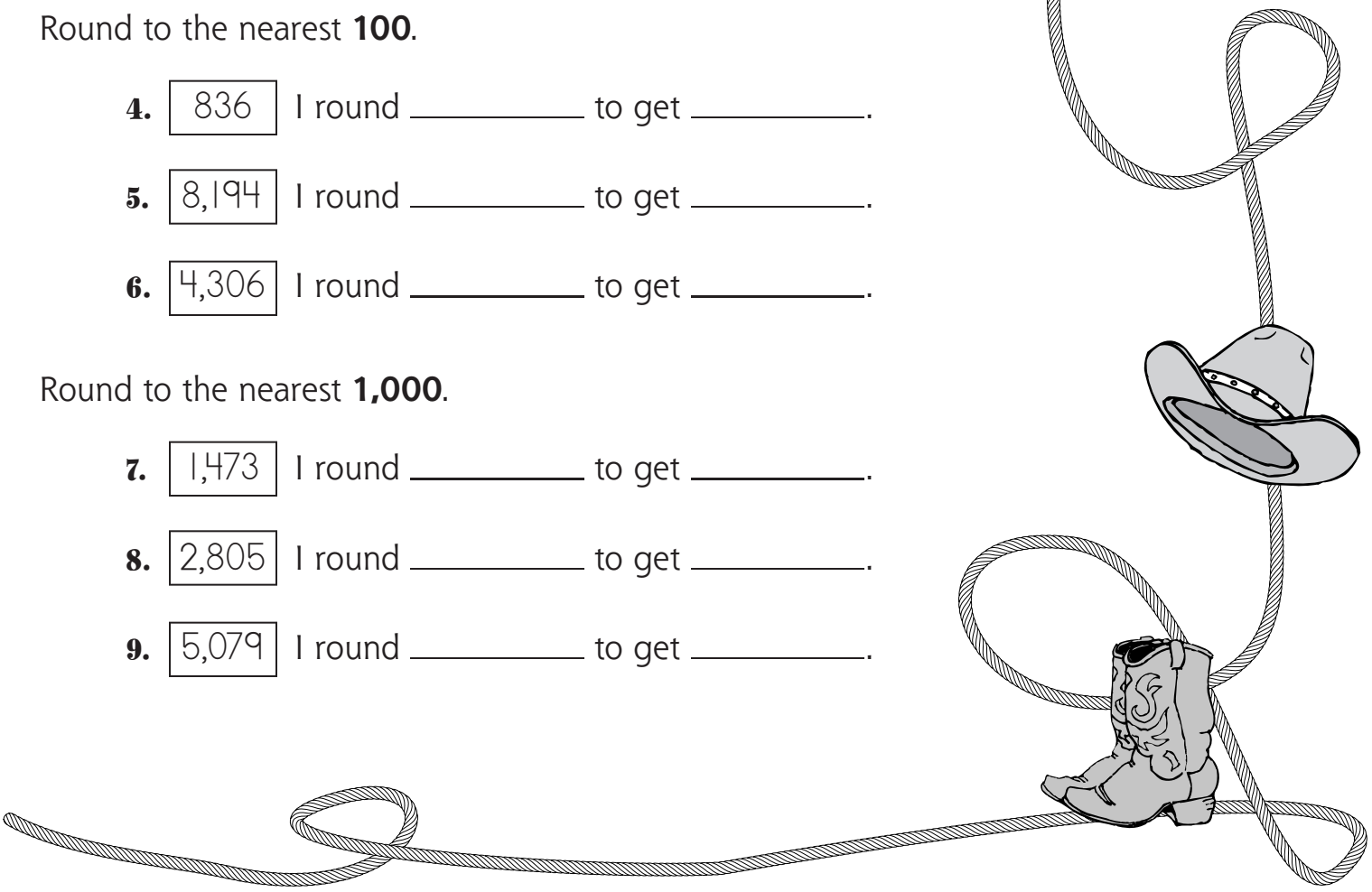
6. 4,306 I round _____ to get _____.

Round to the nearest **1,000**.

7. 1,473 I round _____ to get _____.

8. 2,805 I round _____ to get _____.

9. 5,079 I round _____ to get _____.



Round off numbers to 10,000 to the nearest ten, hundred, and thousand

Name _____

Math Test

Fill in the circle next to the correct answer.

1. Mark the number that is nearest 20.
- Ⓐ 14
- Ⓑ 16
- Ⓒ 18
- Ⓓ 21

2. Round 87 to the nearest ten.
- Ⓐ 70
- Ⓑ 80
- Ⓒ 90
- Ⓓ 100

3. Round 123 to the nearest ten.
- Ⓐ 110
- Ⓑ 120
- Ⓒ 130
- Ⓓ 140

4. Round 149 to the nearest hundred.
- Ⓐ 100
- Ⓑ 200
- Ⓒ 400
- Ⓓ none of the above

5. Round 467 to the nearest hundred.
- Ⓐ 400
- Ⓑ 500
- Ⓒ 600
- Ⓓ none of the above

6. Round 5,690 to the nearest thousand.
- Ⓐ 5,000
- Ⓑ 5,500
- Ⓒ 6,000
- Ⓓ none of the above

7. When you round to the nearest ten, round up when the ones are _____ or more.
- Ⓐ 3
- Ⓑ 5
- Ⓒ 7
- Ⓓ 9

8. When you round to the nearest ten, round down when the ones are less than _____.
- Ⓐ 3
- Ⓑ 5
- Ⓒ 7
- Ⓓ 9

9. When you round to the nearest hundred, round up when the tens are _____ or more.
- Ⓐ 20
- Ⓑ 30
- Ⓒ 40
- Ⓓ 50

10. When you round to the nearest thousand, round down when the hundreds are less than _____.
- Ⓐ 200
- Ⓑ 500
- Ⓒ 700
- Ⓓ 900

Round off numbers to 10,000 to the nearest ten, hundred, and thousand

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Riddle, Riddle, Answer the Riddles

Name _____

Key

12—o	24—a	28—b	31—e	48—n
57—g	63—w	74—r	86—p	92—i

Use the code to solve the riddles. Write the matching letter below each answer.

What kind of pen can't write?

43 + 43 86	61 + 31	89 – 32	64 + 22	59 – 28	79 – 31

What kind of bow can't be untied?

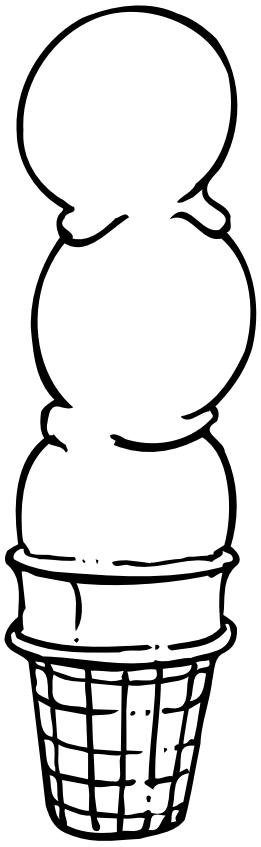
44 + 30	79 – 55	40 + 52	33 + 15	89 – 61	58 – 46	22 + 41

Find the sum or difference of whole numbers between 0 and 100 without regrouping; show an understanding of the relationship of addition and subtraction

How About Some Ice Cream?

Name _____

Color the boxes with answers that are double numbers to get to the ice-cream shop.



46 − 24 22	21 + 15	69 − 20	78 − 32	76 − 35
53 + 35	96 − 52	20 + 79	95 − 65	97 − 27
32 + 57	32 + 26	78 − 45	27 + 61	87 − 56
49 − 20	57 − 26	35 + 43	52 + 25	86 − 42
57 − 37	56 + 33	94 − 42	25 + 14	74 + 25

Find the sum or difference of whole numbers between 0 and 100 without regrouping; show an understanding of the relationship of addition and subtraction

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Do You Remember?

Name _____

Add or subtract.

1. 8 + 9 = _____ 17 – 8 = _____ 7 + 6 = _____

2. 13 – 7 = _____ 4 + 8 = _____ 12 – 5 = _____

3. 3 + 9 = _____ 6 + 8 = _____ 14 – 6 = _____

4.

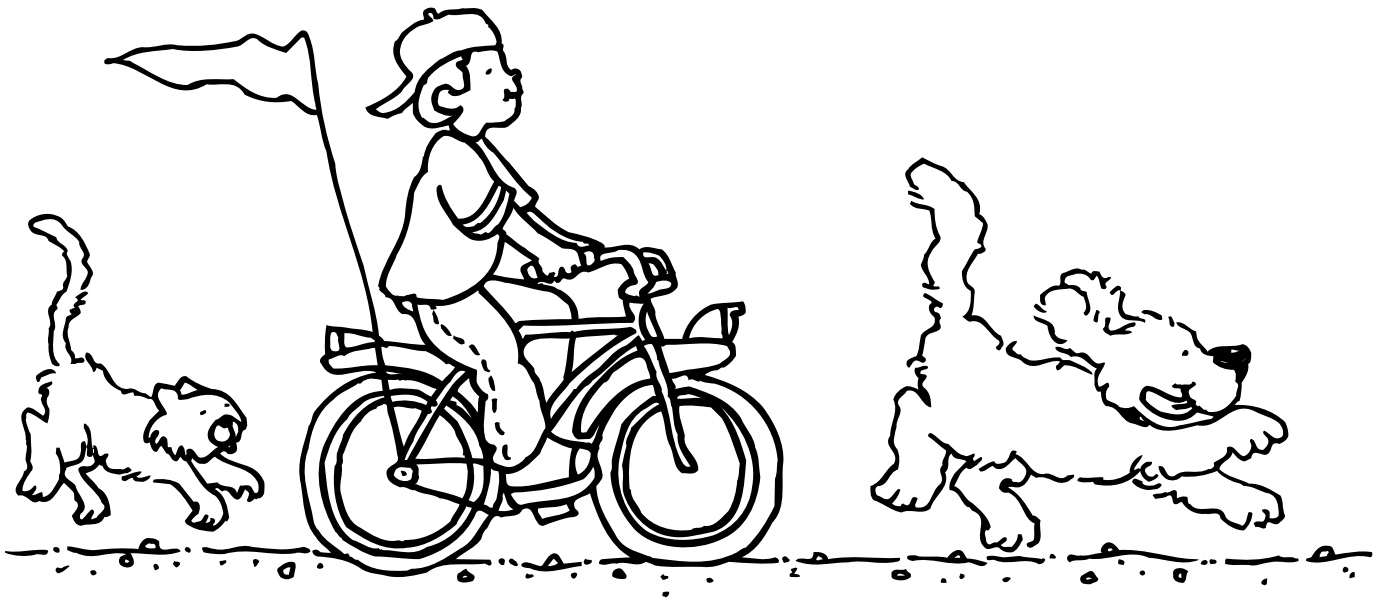
3	5	4	35	44	13
2	5	4	24	12	22
+ 7	+ 6	+ 8	+ 10	+ 41	+ 12

5.

23	81	56	87	54	45
+ 46	+ 16	– 25	– 32	+ 35	– 13

6.

77	33	71	88	45	95
– 52	+ 66	+ 28	– 37	+ 31	– 74



Find the sum or difference of whole numbers between 0 and 100 without regrouping; show an understanding of the relationship of addition and subtraction

Add to Check Subtraction

Name _____

Subtract to find the answer. Add to check your answer.

1.

47 − 13 = 34 34 + 13 = 47	29 − 16 = ☐ ☐ + 16 = 29	37 − 24 = ☐ ☐ + 24 = ☐

2.

68 − 45 = ☐ ☐ + 45 = ☐	75 − 34 = ☐ ☐ + 34 = ☐	55 − 35 = ☐ ☐ + 35 = ☐

3.

87 − 46 = ☐ ☐ + 46 = ☐	43 − 20 = ☐ ☐ + 20 = ☐	29 − 26 = ☐ ☐ + 26 = ☐

4.

94 − 53 = ☐ ☐ + 53 = ☐	45 − 30 = ☐ ☐ + 30 = ☐	68 − 37 = ☐ ☐ + 37 = ☐

Find the sum or difference of whole numbers between 0 and 100 without regrouping; show an understanding of the relationship of addition and subtraction

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Collections

Name _____

Add or subtract to find the answer.

1. Carlos has 46 baseball cards. How many will he have if his friend gives him 12 more?

58 baseball cards

Show how you found the answer.

$$\begin{array}{r} 46 \\ +\ 12 \\ \hline 58 \end{array}$$

2. Kelly has 30 butterfly stickers. Janice has 41 butterfly stickers. How many more stickers does Janice have than Kelly?

_____ more butterfly stickers

Show how you found the answer.

3. Carter, Chin, and Jason collect model cars. Each boy has 23 model cars. How many cars do they have in all?

_____ model cars

Show how you found the answer.

4. Kim's grandfather gave him a bag of marbles. There were 35 small marbles. There were 24 large marbles. How many more marbles were small?

_____ more small marbles

Show how you found the answer.

5. Marcus has 37 USA stamps and 22 stamps from other countries. How many stamps does he have in all?

_____ stamps

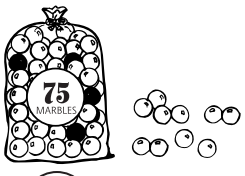
Show how you found the answer.

6. Write a word problem about this picture. Then write a number sentence.

_____

_____

_____



_____ ◯ _____ = _____

Find the sum or difference of whole numbers between 0 and 100 without regrouping; show an understanding of the relationship of addition and subtraction

Name _____

Math Test

Fill in the circle next to the correct answer.

1. 46 + 32 = _____
- Ⓐ 14
- Ⓑ 78
- Ⓒ 84
- Ⓓ 98

2. 79 – 46 = _____
- Ⓐ 33
- Ⓑ 35
- Ⓒ 24
- Ⓓ 23

3. Which problem equals 40?
- Ⓐ 35 + 23
- Ⓑ 22 + 22
- Ⓒ 62 – 22
- Ⓓ 88 – 54

4. Which problem equals 15?
- Ⓐ 30 – 23
- Ⓑ 29 – 14
- Ⓒ 50 – 30
- Ⓓ 65 – 49

5. Which number sentence is NOT correct?
- Ⓐ 94 – 44 = 50
- Ⓑ 60 + 17 = 77
- Ⓒ 85 – 21 = 64
- Ⓓ 36 + 22 = 83

6. Which problem has the same answer as 20 + 60?
- Ⓐ 50 – 32
- Ⓑ 90 – 50
- Ⓒ 30 + 50
- Ⓓ 70 – 30

7. Matt caught 12 fish. Art caught 18 fish. Sam caught 20 fish. How many fish did they catch in all?

Ⓐ 30 Ⓑ 38 Ⓒ 40 Ⓓ 50

8. Mark the operation that could be used to solve this problem.

There were 57 ladybugs on a bush. Then 34 flew away. How many ladybugs were left?
- Ⓐ addition
- Ⓑ subtraction
- Ⓒ multiplication

9. Mark the operation that could be used to solve this problem.

A group of 45 girls and 22 boys went on a trip. How many children went on the trip?
- Ⓐ addition
- Ⓑ subtraction
- Ⓒ multiplication

10. Find the correct number sentence.

- Ⓐ 43 – 10 = 33
- Ⓑ 53 + 10 = 23
- Ⓒ 50 – 10 = 63
- Ⓓ 53 + 10 = 63

Find the sum or difference of whole numbers between 0 and 100 without regrouping; show an understanding of the relationship of addition and subtraction

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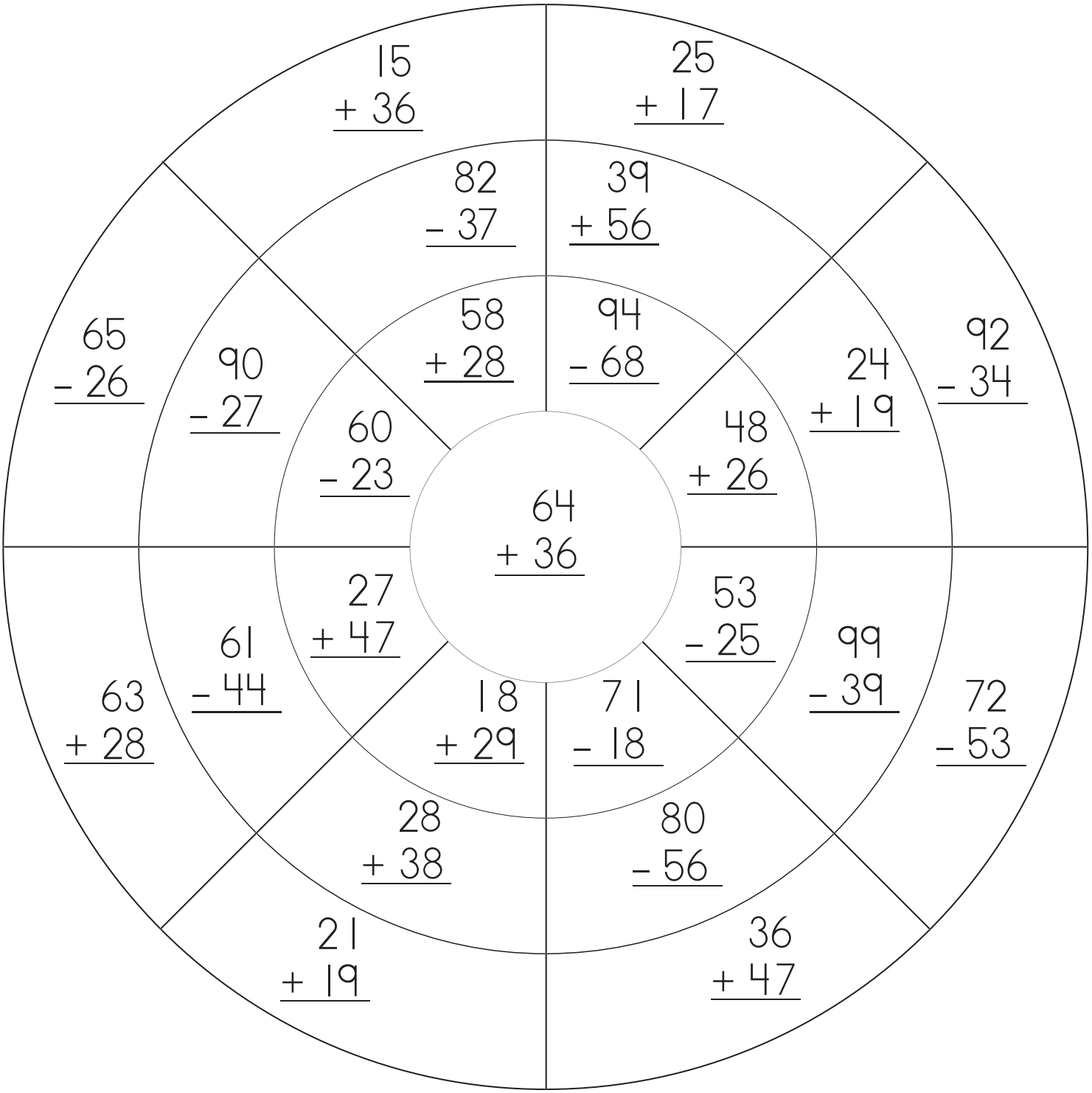
Pattern Wheel

Name _____

Find the answers. Color the spaces with answers **more than 50** red.
Color the spaces with answers **less than 50** yellow.

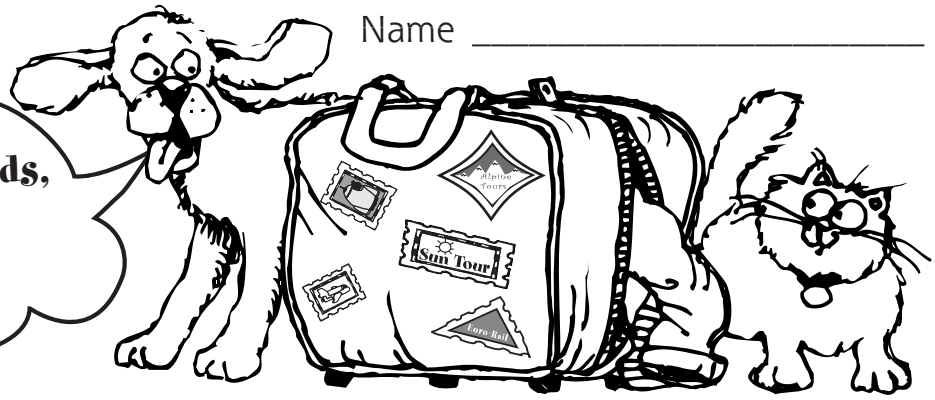


Find the sum or difference of whole numbers between 0 and 100 with regrouping

Happy Holiday

Name _____

What weighs 2,000 pounds, has big ears, tusks, and two trunks?



a—56	c—22	e—96	g—93
h—75	i—48	l—14	n—45
o—34	p—40	t—91	v—65

Use the code to solve the riddle. Write the matching letter below each answer.

83 − 27	27 + 18
56	45
a	n

28 + 68	43 − 29	67 + 29	99 − 59	26 + 49	33 + 23	92 − 47	27 + 64

54 + 39	91 − 57	19 + 29	81 − 36	65 + 28

63 − 29	16 + 29

90 − 25	19 + 37	71 − 49	79 − 23	49 + 42	84 − 36	17 + 17	16 + 29

Find the sum or difference of whole numbers between 0 and 100 with regrouping

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Do You Remember?

Name _____

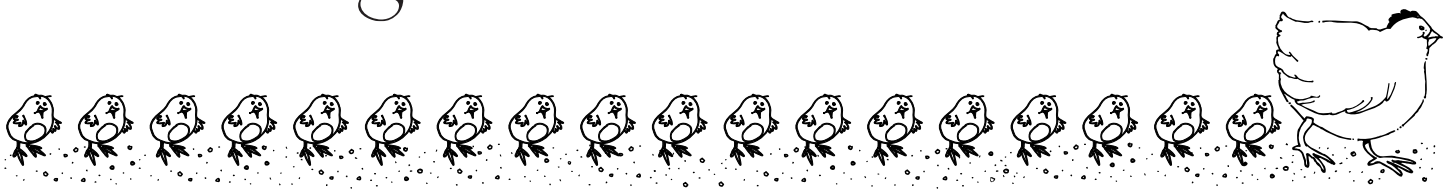
Write the answers. Circle the problems that you did **NOT** regroup.

1.	64 + 37	29 + 51	62 + 36	79 − 15	87 − 28	35 + 36
2.	84 − 28	52 + 31	72 − 57	95 − 36	38 + 14	87 − 54
3.	25 + 62	96 − 89	47 + 25	52 + 18	72 − 14	99 − 35
4.	91 − 76	67 − 27	66 + 35	48 + 51	93 − 67	82 + 18
5.	14 + 69	82 − 20	64 − 28	99 − 46	43 + 37	55 − 26

Find the sum or difference of whole numbers between 0 and 100 with regrouping

We Go Together

Name _____



Circle the two problems in each row that have the same answer.

1.	40 − 16	62 + 29	51 − 35	82 − 24	36 + 55	27 + 26
2.	79 + 19	62 − 25	93 − 57	48 + 35	17 + 19	85 − 45
3.	20 − 14	90 − 61	37 + 44	74 − 68	55 + 39	63 + 19
4.	50 − 32	32 + 59	62 − 14	76 + 24	63 − 49	55 + 36
5.	55 − 18	51 + 29	39 + 53	56 − 18	63 + 29	41 + 19

Find the sum or difference of whole numbers between 0 and 100 with regrouping

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Bicycle Shop

Name _____

Add or subtract to find the answer.

1. Mr. Gonzales is putting together a bicycle. He needs 60 bolts. He has 47. How many more bolts does he need?

_____ more bolts

Show how you found the answer.

_____ ◯ _____ = _____

2. A shipment of bicycle tires arrived today. There were 58 tires for adult bikes. There were 26 tires for children's bikes. How many tires were delivered today?

_____ tires

Show how you found the answer.

_____ ◯ _____ = _____

3. Last month Mr. Garcia sold 24 blue bikes, 51 red bikes, and 19 purple bikes. How many bikes did he sell in all?

_____ bikes

Show how you found the answer.

_____ ◯ _____ ◯ _____ = _____

4. Mr. Garcia painted Anna's bike. He took 65 minutes to paint it blue. He took 29 minutes to add yellow stripes. How long did it take Mr. Garcia to paint the bike?

_____ minutes

Show how you found the answer.

_____ ◯ _____ = _____

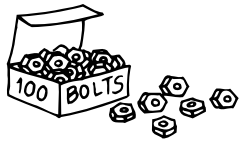
5. Mr. Garcia had a sale on bicycle helmets. He had 73 helmets. He sold 57. How many helmets did he have left?

_____ helmets left

Show how you found the answer.

_____ ◯ _____ = _____

6. Write a word problem about this picture.



_____

_____

_____

Find the sum or difference of whole numbers between 0 and 100 with regrouping

Name _____

Math Test

Fill in the circle next to the correct answer.

1. 62 + 19 = _____
- Ⓐ 80
- Ⓑ 74
- Ⓒ 81
- Ⓓ 20

2. 80 – 44 = _____
- Ⓐ 33
- Ⓑ 36
- Ⓒ 24
- Ⓓ 23

3. 52 – 36 = _____
- Ⓐ 16
- Ⓑ 24
- Ⓒ 43
- Ⓓ 88

4. Which problem equals 57?
- Ⓐ 88 – 54
- Ⓑ 22 + 22
- Ⓒ 62 – 22
- Ⓓ 39 + 18

5. Which number sentence is NOT correct?
- Ⓐ 80 – 54 = 26
- Ⓑ 73 + 17 = 90
- Ⓒ 91 – 25 = 64
- Ⓓ 56 + 24 = 80

6. Which problem has the same answer as 40 + 60?
- Ⓐ 50 – 32
- Ⓑ 80 – 31
- Ⓒ 35 + 45
- Ⓓ 65 + 35

7. Which problem does NOT equal 35?
- Ⓐ 18 + 17
- Ⓑ 92 – 57
- Ⓒ 45 – 32
- Ⓓ 90 – 55

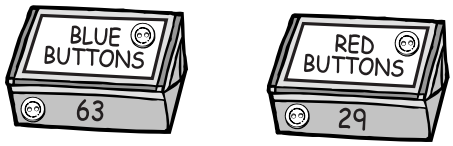
8. How would you solve this problem?

There are 76 ants and 48 ladybugs on a plant. How many insects are on the plant?
- Ⓐ add
- Ⓑ subtract
- Ⓒ multiply
- Ⓓ divide

9. How would you solve this problem?

Kim has 29 bears and 12 dolls. How many more bears are there than dolls?
- Ⓐ add
- Ⓑ subtract
- Ⓒ multiply
- Ⓓ divide

10. Find the number sentence for this picture.



- Ⓐ 63 + 29 = 92
- Ⓑ 63 – 29 = 46
- Ⓒ 63 + 29 = 72
- Ⓓ 63 – 29 = 43

Find the sum or difference of whole numbers between 0 and 100 with regrouping

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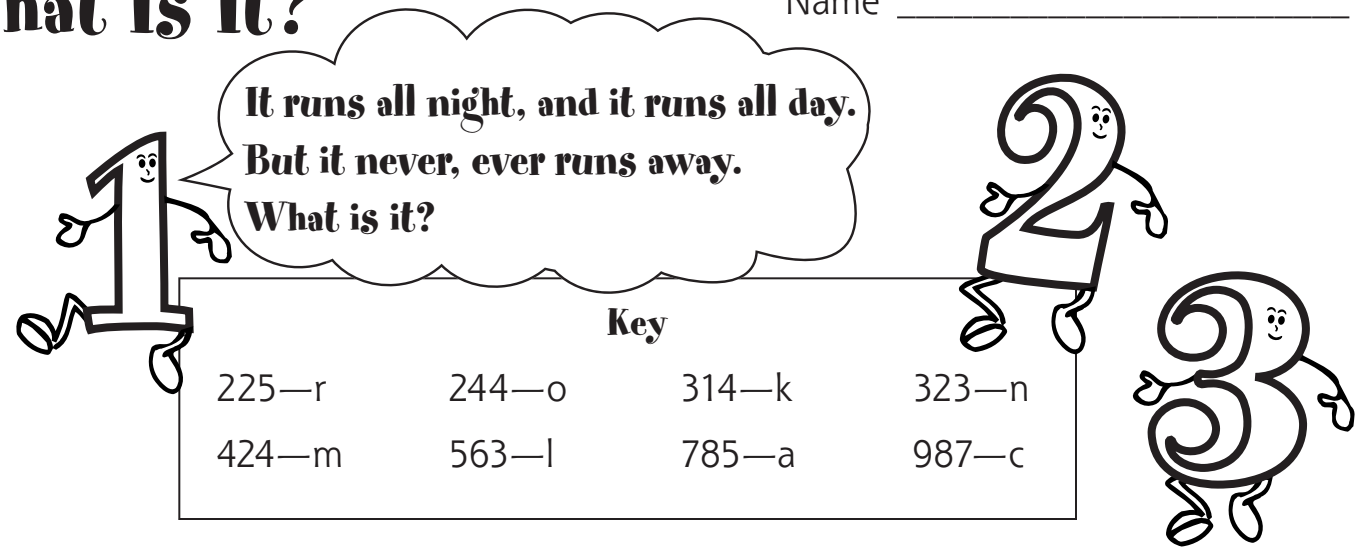
What Is It?

Name _____



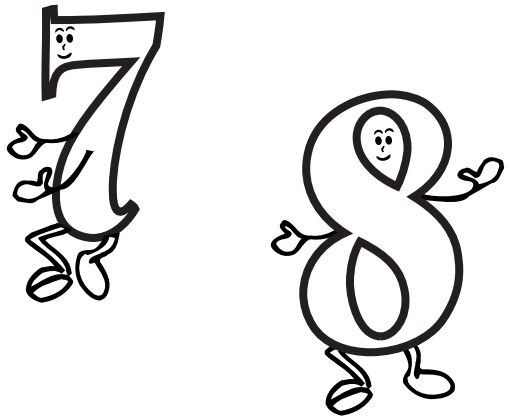
Key

225—r	244—o	314—k	323—n
424—m	563—l	785—a	987—c

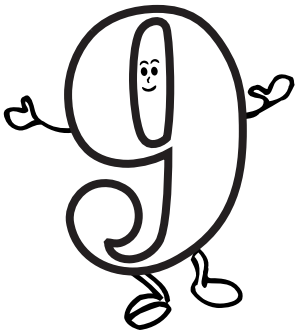
Use the code to solve the riddle. Write the matching letter below each answer.

312 + 473	587 − 264

524 + 261	999 − 436	653 + 132	756 − 531	859 − 435



406 + 581	321 + 242	657 − 413	623 + 364	745 − 431



Find the sum or difference of whole numbers between 100 and 1000 without regrouping

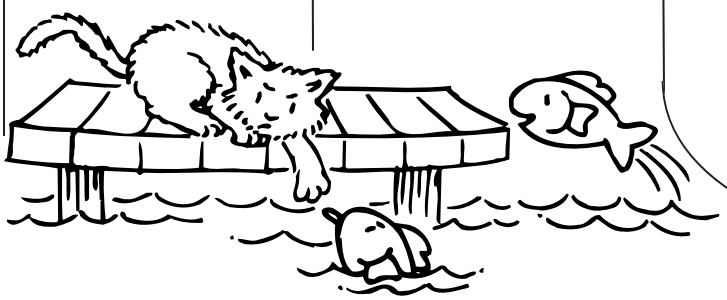
Row, Row, Row Your Boat

Name _____

Write the answers.

535 – 214	498 – 173	418 + 561
503 + 274		623 + 346
347 + 322		887 – 635
376 – 154		182 + 716
		246 + 642

341 + 527	
877 – 306	
658 – 426	
209 + 580	
769 – 325	



Find the sum or difference of whole numbers between 100 and 1000 without regrouping

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Searching for Seven

Name _____

Find the answers. Draw a blue box around answers with 7 in the hundreds place.
Draw an orange circle around answers with 7 in the tens place.
Draw a green line under answers with 7 in the ones place.

1.	437 + 312 = 749	589 − 322	261 + 524	132 + 653	898 − 527
2.	927 − 510	988 − 421	604 + 185	758 − 341	364 + 623
3.	647 + 132	853 − 112	642 + 143	271 + 607	968 − 451
4.	355 + 432	243 + 714	879 − 562	768 − 701	643 + 336
5.	878 − 607	534 + 253	969 − 226	456 + 541	642 + 315

Find the sum or difference of whole numbers between 100 and 1000 without regrouping

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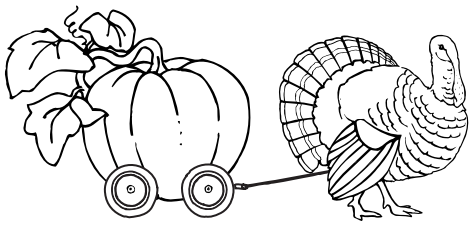
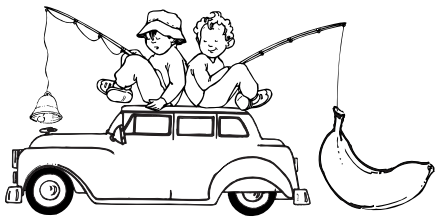
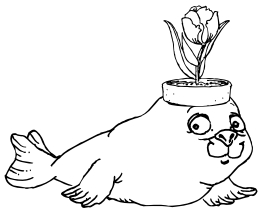
Find the Mistakes

Name _____







Help Carlos find the mistakes. Make an **X** on the problems that are **NOT** correct.

1.

657	~~563~~	603	987	785
− 513	~~− 315~~	+ 175	− 623	− 524
144	~~878~~	778	360	261

2.

749	361	789	987	415
− 312	+ 527	− 185	− 364	+ 341
337	888	664	623	756

3.

325	505	789	513	241
+ 262	+ 453	− 605	+ 425	+ 412
587	958	185	738	653

4.

513	878	778	243	959
+ 134	− 315	− 175	+ 436	− 623
647	543	603	619	336

Find the sum or difference of whole numbers between 100 and 1000 without regrouping

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Blueberries for Sale

Name _____

Each time Jacob bought three baskets of blueberries.

1. What is the smallest number of blueberries he might have?

_____

Show your work.

2. What is the largest number of blueberries he might have?

_____

Show your work.

3. How many blueberries might Jacob have if he bought one basket of each size?

_____

Show your work.

4. Write a word problem about the blueberries.

_____

_____

_____

Show the answer to your problem.

Find the sum or difference of whole numbers between 100 and 1000 without regrouping

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Name _____

Math Test

Fill in the circle next to the correct answer.

1. 424 + 135 = _____
Ⓐ 857 Ⓑ 214 Ⓒ 559 Ⓓ 600

2. 879 – 326 = _____
Ⓐ 345 Ⓑ 646 Ⓒ 793 Ⓓ 553

3. 104 + 353 + 221 = _____
Ⓐ 458 Ⓑ 568 Ⓒ 678 Ⓓ 798

4. Which problem equals 567?
Ⓐ 363 + 234
Ⓑ 132 + 253
Ⓒ 243 + 323
Ⓓ 968 – 401

5. Which number sentence is NOT correct?
Ⓐ 300 + 200 = 500
Ⓑ 500 – 100 = 600
Ⓒ 400 + 400 = 800
Ⓓ 600 – 200 = 400

6. Mark the operation you would use to solve this problem.

A rancher had 106 horses and 234 cows. How many animals did he have in all?
Ⓐ addition
Ⓑ subtraction
Ⓒ multiplication
Ⓓ division

7. Mark the operation you would use to solve this problem.

A frog laid 152 eggs. Then she laid 134 more eggs. How many eggs did she lay in all?
Ⓐ addition
Ⓑ subtraction
Ⓒ multiplication
Ⓓ division

8. There were 157 crows sitting on a fence. Then 80 flew away. How many crows were left?
Ⓐ 57 Ⓑ 67 Ⓒ 77 Ⓓ 97

9. Bob gave 130 of his 365 pennies to his sister. How many did he have left?
Ⓐ 235
Ⓑ 253
Ⓒ 490
Ⓓ 940

10. Find the number sentence for this picture.

Ⓐ 425 + 312 = 737
Ⓑ 425 – 312 = 131
Ⓒ 425 + 312 = 137
Ⓓ 425 – 312 = 112

Find the sum or difference of whole numbers between 100 and 1000 without regrouping

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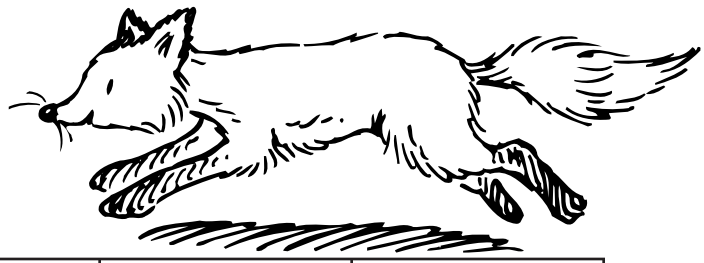
Hurry Home, Father Fox

Name _____



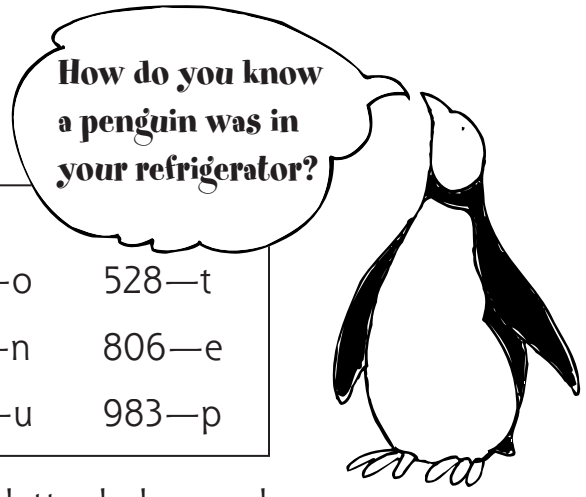
Color the boxes with the answer **678** to help the fox find his way home.

792 – 419	236 + 157	871 – 403	549 + 129	293 + 385
897 – 549	126 + 118	392 + 286	538 + 140	889 – 698
686 – 327	127 + 538	239 + 439	208 + 306	633 – 272
239 + 347	725 – 127	184 + 494	896 – 218	313 + 247
797 – 148	532 + 127	983 – 357	359 + 319	525 + 153

Find the sum or difference of whole numbers between 100 and 1000 with regrouping

Mystery in the Refrigerator

Name _____



Key			
236—f	272—r	494—o	528—t
692—s	727—b	758—n	806—e
809—h	839—i	980—u	983—p

Use the code to solve the riddle. Write the matching letter below each answer.

343 − 107	386 + 108	275 + 219	665 − 137

716 + 267	664 − 392	243 + 596	562 + 196	918 − 390	987 − 295

980 − 141	891 − 133

134 + 394	425 + 384	632 + 174

453 + 274	816 + 164	309 + 219	734 − 206	922 − 116	690 − 418

Find the sum or difference of whole numbers between 100 and 1000 with regrouping

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Four in a Row

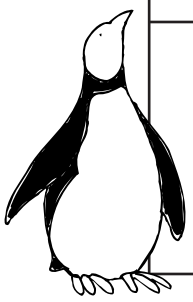
Name _____

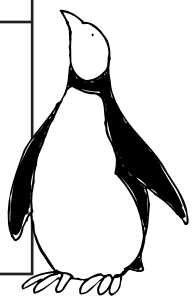
Regroup to find the answers.

1 139 + 327 466	4 16 2~~5~~~~6~~ – 129 127	1 183 + 464 647	5 12 ~~6~~2~~8~~ – 253 375

Solve the problems. Color each square that has an answer with a **1** in the **ones** place.

228 + 343	735 – 317	387 + 355	622 + 149
651 + 284	459 – 168	426 + 195	960 – 625
806 – 432	428 – 164	740 – 319	597 + 168
375 + 337	960 – 625	851 – 528	277 + 344





Did you get four in a row? _____

Find the sum or difference of whole numbers between 100 and 1000 with regrouping

Greta's Garden

Name _____

Color the flowers.

8 in the **tens** place—red
9 in the **tens** place—blue
6 in the **tens** place—yellow

1.

268 + 414	574 − 128	231 + 259	594 + 273	543 − 369

2.

142 + 249	285 − 118	949 − 284	517 + 335	471 − 190

3.

133 + 749	116 + 144	859 − 369	706 − 448	354 + 627

Count the flowers.

red _____ white _____ blue _____ yellow _____

Find the sum or difference of whole numbers between 100 and 1000 with regrouping

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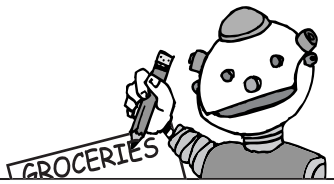
Shopping in 2502

Name _____

Prices have skyrocketed in the year 2502.
Add or subtract to find how much groceries cost.



1. Mrs. Ahmad went to the store to buy food for breakfast. This is what she spent:

milk	$375
cereal	$300
orange juice	$280

How much did she spend in all?

$_____

2. Bread in the bakery costs $325 a loaf. The store brand costs $179 a loaf. How much will you save if you buy the store brand?

$_____

3. Mr. Cata spent $635. He gave the clerk $700. How much change did he get back?

$_____

4. Miss Rivera bought two pounds of butter. Each pound cost $295. How much did the butter cost?

$_____

5. Grapefruit juice costs $340 for a half-gallon. Today it is on sale for $175. How much will you save if you buy it on sale?

$_____

6. Write a word problem about this picture.

_____

_____

_____

Show your answer.

$_____

Find the sum or difference of whole numbers between 100 and 1000 with regrouping

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Name _____

Math Test

Fill in the circle next to the correct answer.

1. 328 + 135 = _____
- Ⓐ 193
- Ⓑ 453
- Ⓒ 463
- Ⓓ 473

2. 470 – 362 = _____
- Ⓐ 108
- Ⓑ 118
- Ⓒ 712
- Ⓓ 832

3. 463 – 282 = _____
- Ⓐ 181
- Ⓑ 221
- Ⓒ 645
- Ⓓ 745

4. 104 + 353 + 228 = _____
- Ⓐ 675
- Ⓑ 678
- Ⓒ 685
- Ⓓ 795

5. Which problem equals 654?
- Ⓐ 383 + 234
- Ⓑ 132 + 273
- Ⓒ 293 + 361
- Ⓓ 568 – 195

6. Which number sentence is NOT correct?
- Ⓐ 348 + 202 = 550
- Ⓑ 568 – 159 = 409
- Ⓒ 450 + 450 = 900
- Ⓓ 610 – 220 = 490

7. Alice baked 124 chocolate cookies and 139 sugar cookies. How many cookies did she bake in all?

Ⓐ 115 Ⓑ 253 Ⓒ 263 Ⓓ 355

8. Mark the operation that could be used to solve this problem.

Jay has 126 marbles. There are 109 small ones. The rest are large. How many marbles are large?
- Ⓐ addition
- Ⓑ subtraction
- Ⓒ multiplication
- Ⓓ none of the above

9. My hens laid 206 eggs last year. They laid 319 eggs this year. How many more eggs were laid this year?
- Ⓐ 105
- Ⓑ 125
- Ⓒ 515
- Ⓓ none of the above

10. Bob and Will played computer games. Bob scored more points than Will. What do you need to know to find how many more points Bob scored than Will?
- Ⓐ how many points Will scored
- Ⓑ how many points Bob scored
- Ⓒ how many points each player scored
- Ⓓ none of the above

Find the sum or difference of whole numbers between 100 and 1000 with regrouping

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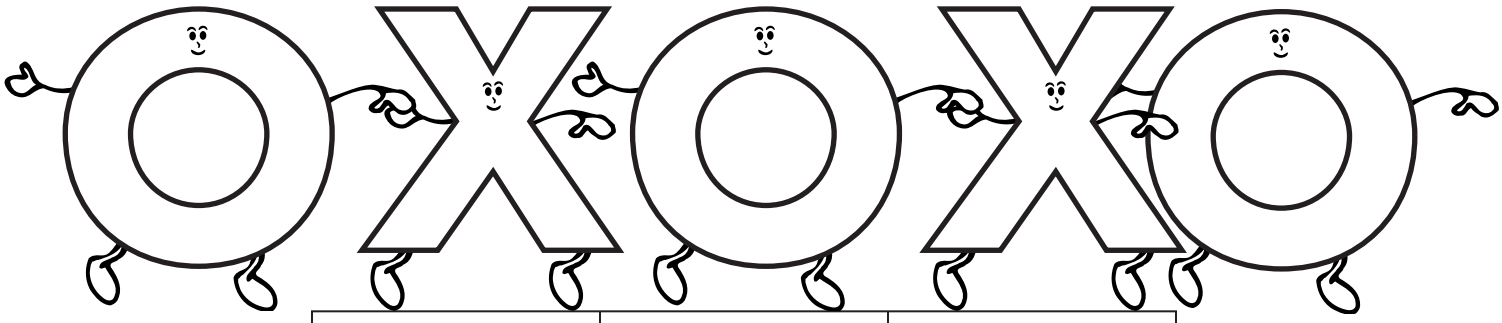
Tic-Tac-Toe

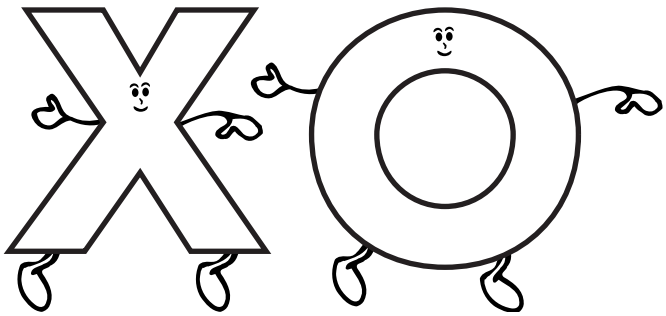
Name _____

Make an **X** on the problems that you had to regroup. Make an **O** around the problems that had no regrouping.



5,674 – 4,223	3,775 – 1,429	5,560 + 2,837
6,208 + 3,134	2,635 + 6,210	8,429 – 2,161
9,843 – 4,842	5,654 + 3,268	3,728 – 1,316

Who won—**X** or **O**? Color the winner!



Find the sum or difference of whole numbers between 1000 and 10,000

Riddle Time

Name _____

Key

1,387—p	4,156—r	7,620—h
3,179—e	4,428—o	7,750—a
3,604—c	6,272—t	9,802—n
4,076—s		

Use the code to solve the riddles. Write the matching letter below each answer.

What has ears but cannot hear?

2,326 + 1,278	2,703 + 1,725	7,840 – 3,684	3,129 + 6,673

What has a tongue but cannot talk?

5,948 – 1,872	5,248 + 2,372	1,836 + 2,592	9,347 – 6,168

What has eyes but cannot see?

5,662 – 4,275	6,594 – 2,166	7,845 – 1,573	4,260 + 3,490	4,591 + 1,681	5,695 – 1,267

Find the sum or difference of whole numbers between 1000 and 10,000

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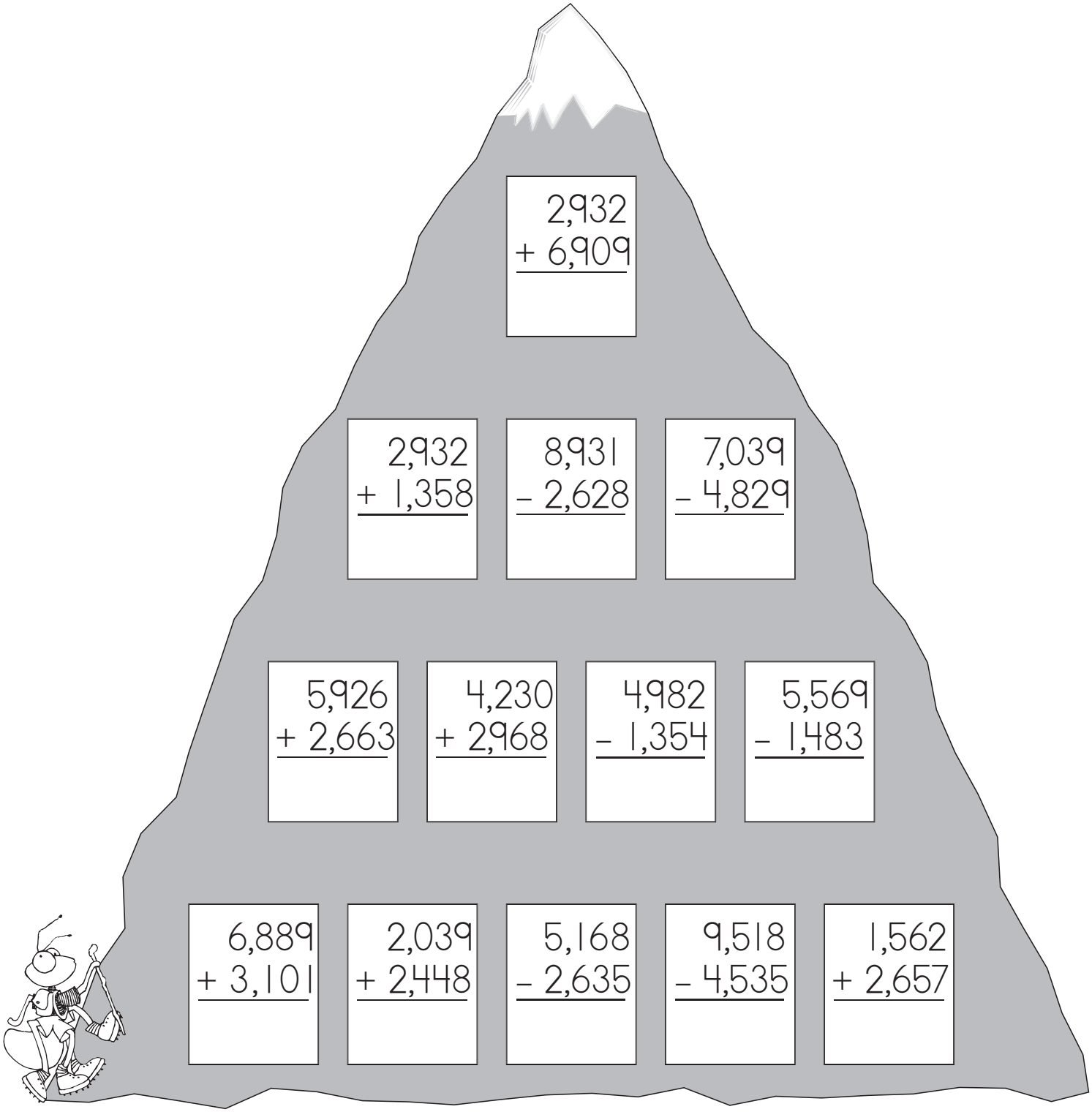
Mountain Climber

Name _____

Draw a line through the problems that have an answer **greater than 5,000**.
This will mark the path up the mountain for the mountain climber.



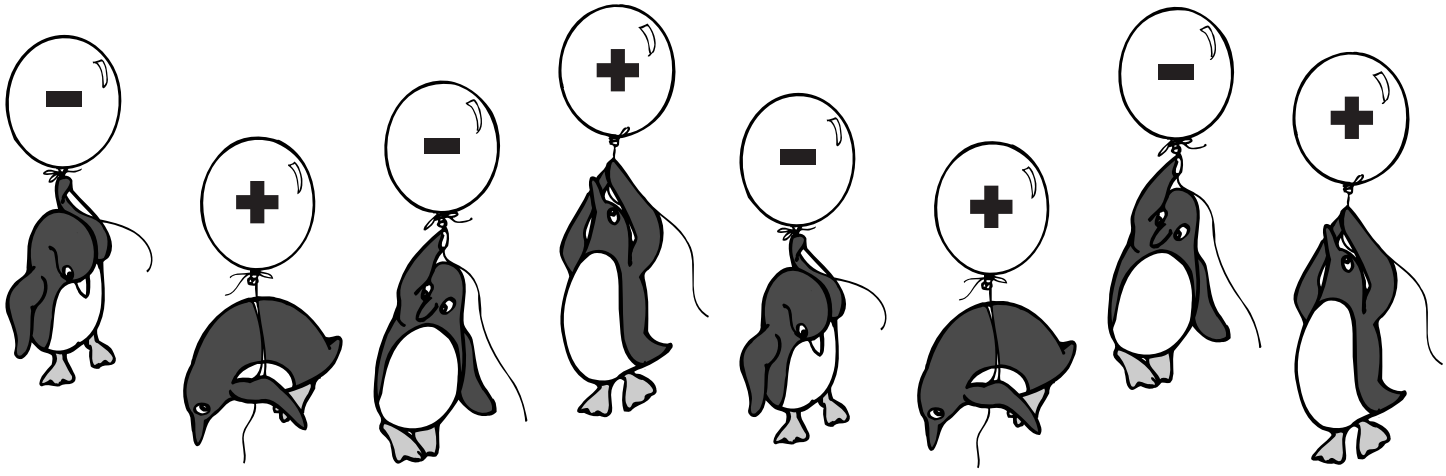
Find the sum or difference of whole numbers between 1000 and 10,000

Add to Check Subtraction

Name _____

Subtract to find the answer. Add to check your answer.

1.	6,539 − 2,415 = 4,124 4,124 + 2,415 = 6,539	7,529 − 3,206 = ☐ ☐ + 3,206 = ☐	9,685 − 2,431 = ☐ ☐ + 2,431 = ☐
2.	6,864 − 4,444 = ☐ ☐ + 4,444 = ☐	7,195 − 6,132 = ☐ ☐ + 6,132 = ☐	5,956 − 3,532 = ☐ ☐ + 3,532 = ☐
3.	5,215 − 2,166 = ☐ ☐ + 2,166 = ☐	9,478 − 2,294 = ☐ ☐ + 2,294 = ☐	9,253 − 3,618 = ☐ ☐ + 3,618 = ☐
4.	7,685 − 2,827 = ☐ ☐ + 2,827 = ☐	8,438 − 5,326 = ☐ ☐ + 5,326 = ☐	2,534 − 1,229 = ☐ ☐ + 1,229 = ☐



Find the sum or difference of whole numbers between 1000 and 10,000

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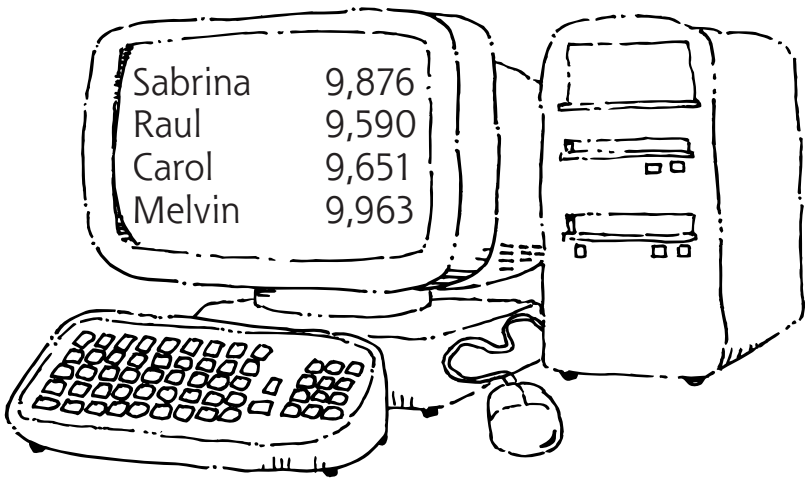
10,000-Point Challenge

Name _____

Sabrina has a new computer game. She and her friends are just learning how to play the game. They decided to have a contest to see who could reach 10,000 points first. Look at the computer screen to see how many points they have so far. Answer the questions using the information on the screen.



1. Who has the highest score? _____

Who has the lowest score? _____

What is the difference in their scores?

_____

Show your work.

2. How many points do the girls have in all?

_____

Show your work.

3. How many points do the boys have in all?

_____

Show your work.

4. Are the boys or girls ahead? _____

By how many points? _____

Show your work.

5. How many more points does the leader need to reach 10,000?

_____

Show your work.

6. Write a story problem using the information on the computer screen.

_____

_____

_____

Show the answer to your problem._____

Find the sum or difference of whole numbers between 1000 and 10,000

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Name _____

Math Test

Fill in the circle next to the correct answer.

1. 5,956 – 3,538 = _____
Ⓐ 1,418 Ⓒ 8,494
Ⓑ 2,418 Ⓓ 9,494

2. 5,889 + 3,101 = _____
Ⓐ 2,788 Ⓒ 8,980
Ⓑ 2,778 Ⓓ 8,990

3. 7,215 – 2,166 = _____
Ⓐ 5,081 Ⓒ 5,159
Ⓑ 9,381 Ⓓ none of the above

4. 1,562 + 2,657 = _____
Ⓐ 1,095 Ⓒ 4,119
Ⓑ 3,129 Ⓓ 4,219

5. Which problem equals 4,487?
Ⓐ 2,039 + 2,448
Ⓑ 2,143 – 2,044
Ⓒ 2,143 + 2,044
Ⓓ 6,125 – 4,087

6. Which number sentence is NOT correct?
Ⓐ 3,458 + 2,002 = 5,460
Ⓑ 1,568 – 1,359 = 2,609
Ⓒ 4,540 + 4,460 = 9,000
Ⓓ 6,105 – 2,206 = 3,899

7. How would you solve this problem?

I saw 6,590 ants and 4,852 bees. How many more ants than bees were there?
Ⓐ add Ⓒ multiply
Ⓑ subtract Ⓓ none of the above

8. How would you solve this problem?

Last year the Parkers drove 3,000 miles on their vacation. This year they drove 1,500 miles farther. How far did they drive this year?
Ⓐ add Ⓒ multiply
Ⓑ subtract Ⓓ none of the above

9. Beefy Burger sold 4,735 burgers in June and 3,682 burgers in July. How many more burgers were sold in June?
Ⓐ 1,043
Ⓑ 1,143
Ⓒ 1,053
Ⓓ none of the above

10. The workers picked 2,448 apples this week. What information is needed to find how many more apples they picked last week?
Ⓐ how many hours they worked
Ⓑ how many workers picked apples each week
Ⓒ how many apples each worker picked
Ⓓ none of the above

Find the sum or difference of whole numbers between 1000 and 10,000

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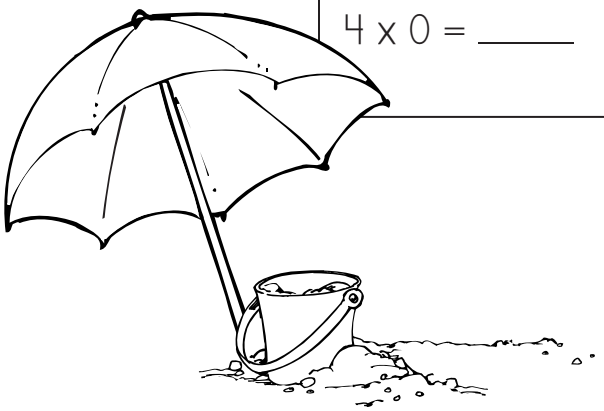
Fun at the Beach

Name _____

Color in the squares where the answer is **more than 20** to make a path to the beach.

2 x 3 = ____	3 x 4 = ____	4 x 2 = ____	5 x 5 = ____	4 x 5 = ____
3 x 2 = ____	2 x 2 = ____	1 x 2 = ____	3 x 9 = ____	5 x 2 = ____
5 x 0 = ____	3 x 1 = ____	3 x 7 = ____	4 x 6 = ____	2 x 4 = ____
3 x 8 = ____	4 x 6 = ____	5 x 6 = ____	3 x 5 = ____	2 x 6 = ____
5 x 7 = ____	3 x 6 = ____	6 x 3 = ____	1 x 6 = ____	5 x 4 = ____
	4 x 0 = ____	3 x 3 = ____	1 x 5 = ____	4 x 4 = ____

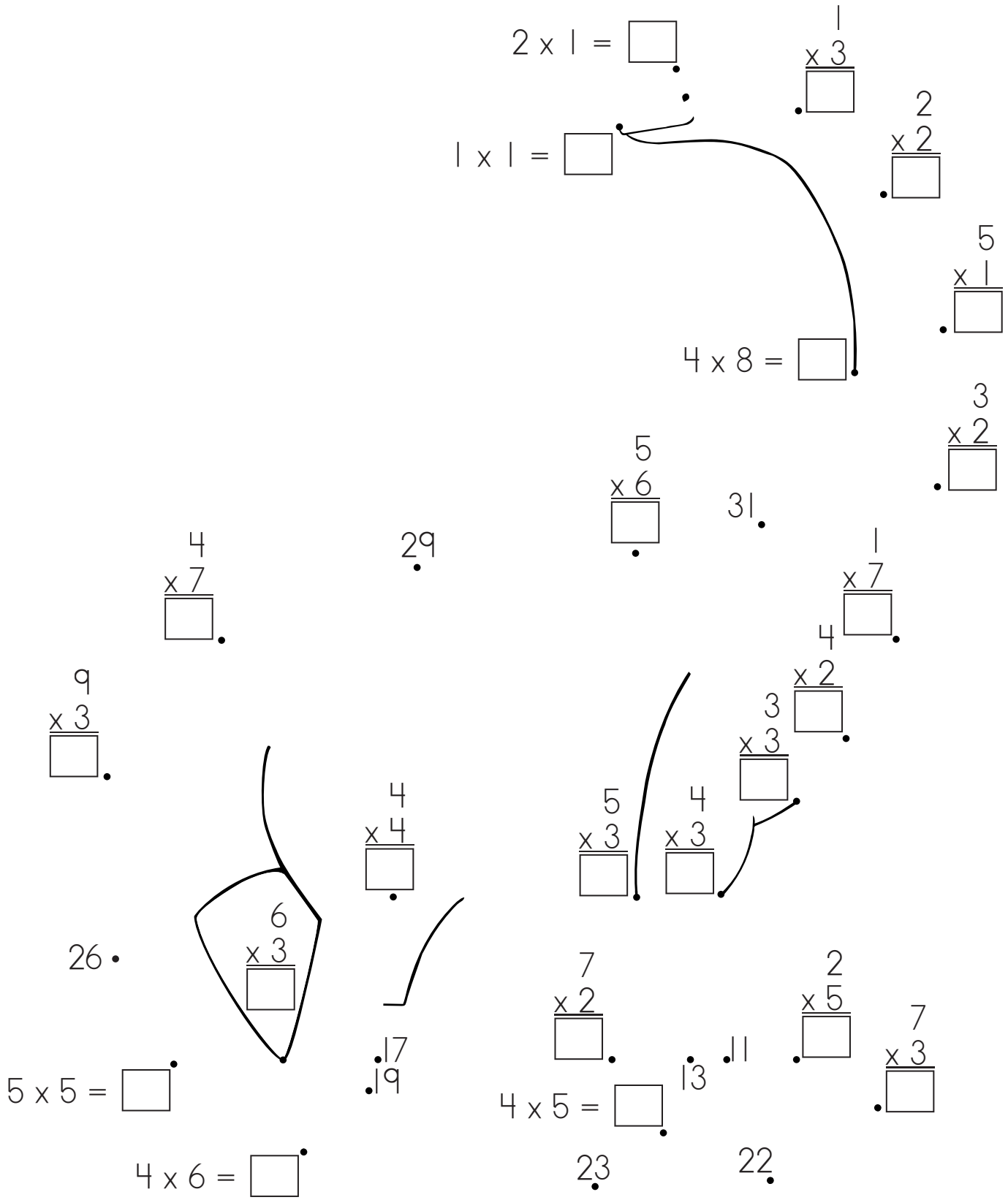


Commit multiplication facts through the 6s to memory; show an understanding of the properties of 0 and 1 in multiplication

Missing Dinosaur

Name _____

Start at **1** to connect the dots to find out what kind of dinosaur is hidden here.



Commit multiplication facts through the 6s to memory; show an understanding of the properties of 0 and 1 in multiplication

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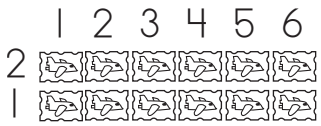
Stamps

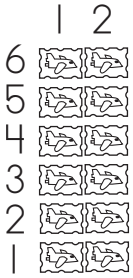
Name _____

Answer the problems to find out how many stamps each person bought.

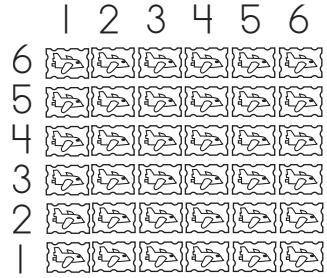
1.



2 x 6 = 12
rows in a row in all

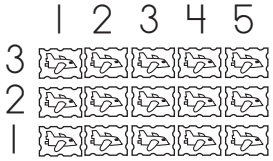


6 x 2 = 12
rows in a row in all

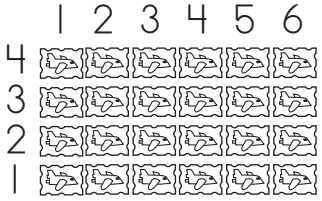


_____ x _____ = _____
rows in a row in all

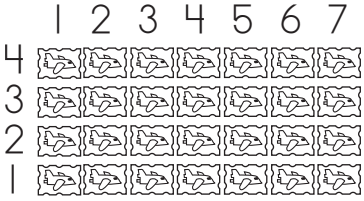
2.



_____ x _____ = _____
rows in a row in all



_____ x _____ = _____
rows in a row in all

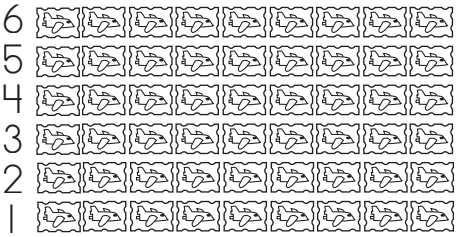


_____ x _____ = _____
rows in a row in all

3.

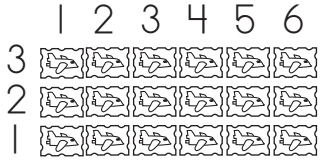
_____ x _____ = _____
rows in a row in all

_____ x _____ = _____
rows in a row in all

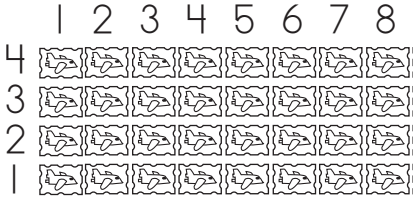


_____ x _____ = _____
rows in a row in all

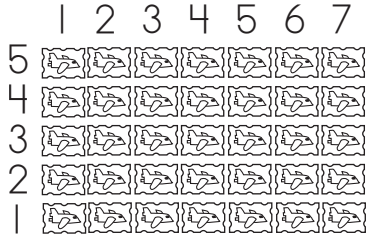
4.



_____ x _____ = _____
rows in a row in all



_____ x _____ = _____
rows in a row in all

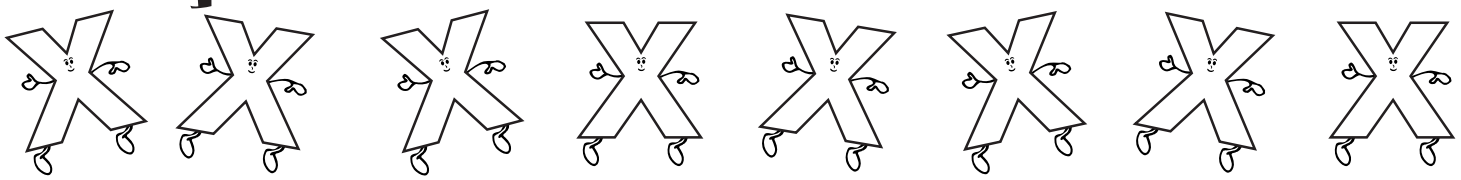


_____ x _____ = _____
rows in a row in all

Commit multiplication facts through the 6s to memory; show an understanding of the properties of 0 and 1 in multiplication

Multiplication Table

Name _____



Write the missing numbers on this multiplication chart.

X	0	1	2	3	4	5	6	7	8	9
0	0	0	0							
1	0	1	2							
2				6					16	
3					12					
4				12				28		
5			10			25				
6				18						54

1. What is the rule for multiplying by 1?

_____

_____

2. What is the rule for multiplying by 0?

_____

_____

Commit multiplication facts through the 6s to memory; show an understanding of the properties of 0 and 1 in multiplication

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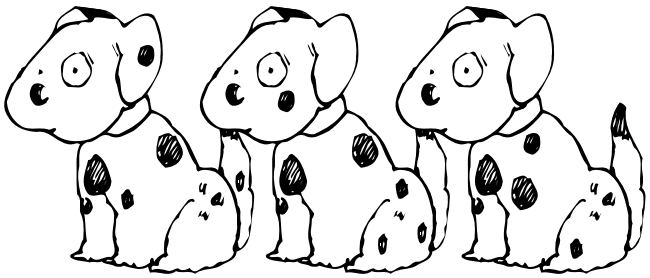
Peggy's Pets

Name _____

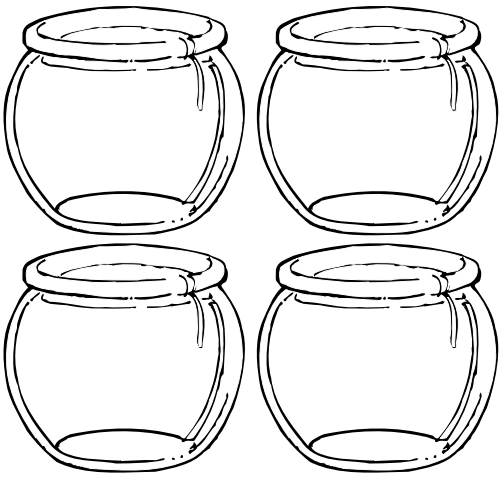
Draw pictures to help solve each problem.

1. Peggy has 3 large dogs. She gave each dog 5 doggy cookies. How many cookies did she give the dogs in all?



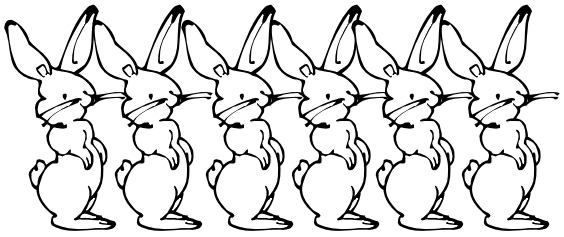
_____

2. Peggy's goldfish had babies. Peggy got 4 new fishbowls. She put 4 goldfish in each bowl. How many baby fish are there in all?



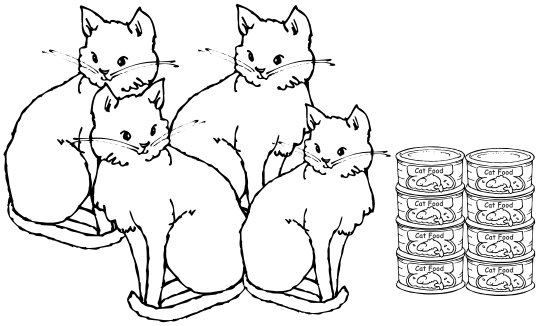
_____

3. Peggy has 6 rabbits. She gave each rabbit 3 carrots. How many carrots did she use?



_____

4. Write a story problem about this picture.



_____

_____

_____

_____

Write the answer to your problem. _____

Commit multiplication facts through the 6s to memory; show an understanding of the properties of 0 and 1 in multiplication

Name _____

Math Test

Fill in the circle next to the correct answer.

1. 5 x 3 = _____

Ⓐ 12 Ⓑ 15 Ⓒ 18 Ⓓ 20

2. 3 x 6 = _____

Ⓐ 12 Ⓑ 18 Ⓒ 24 Ⓓ 36

3. 6 x 9 = _____

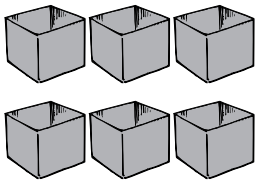
Ⓐ 15 Ⓑ 18 Ⓒ 54 Ⓓ 63

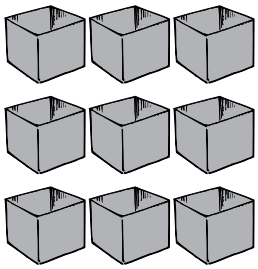
4. 4 x 8 = _____

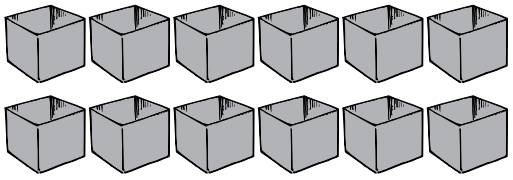
Ⓐ 12 Ⓑ 32 Ⓒ 36 Ⓓ 42

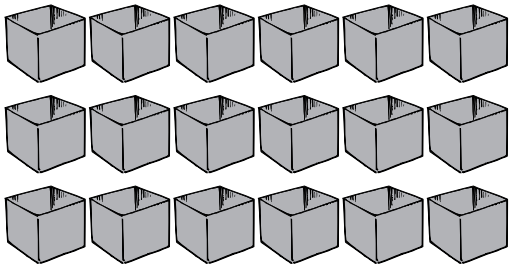
5. Which array shows this number sentence?

3 x 6 = 18

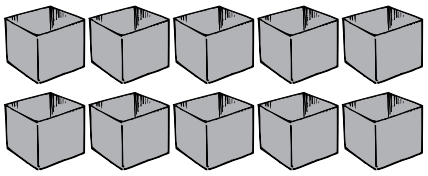
Ⓐ 

Ⓑ 

Ⓒ 

Ⓓ 

6. Which is the correct problem for this array?



Ⓐ 5 x 5 Ⓒ 3 + 5

Ⓑ 2 x 5 Ⓓ 5 + 3

7. Which number sentence is NOT correct?

Ⓐ 4 x 5 = 20

Ⓑ 3 x 9 = 27

Ⓒ 6 x 3 = 12

Ⓓ 5 x 8 = 40

8. Find the missing sign.

6 ◯ 8 = 48

Ⓐ +

Ⓑ –

Ⓒ x

Ⓓ none of the above

9. There are 6 bowls of cherries. There are 10 cherries in each bowl. How many cherries are there in all?

Ⓐ 16

Ⓑ 60

Ⓒ 106

Ⓓ none of the above

10. If one nickel is worth 5¢, what is the value of 9 nickels?

Ⓐ 14¢ Ⓑ 27¢ Ⓒ 30¢ Ⓓ 45¢

Commit multiplication facts through the 6s to memory; show an understanding of the properties of 0 and 1 in multiplication

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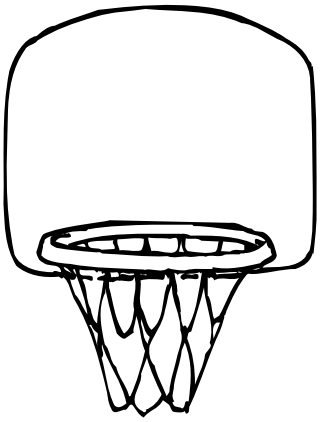
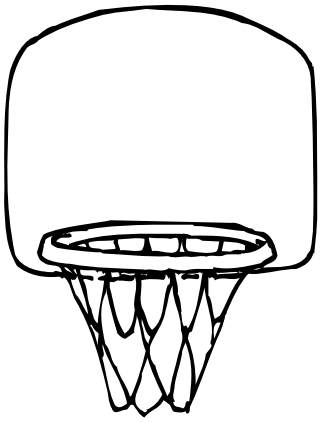
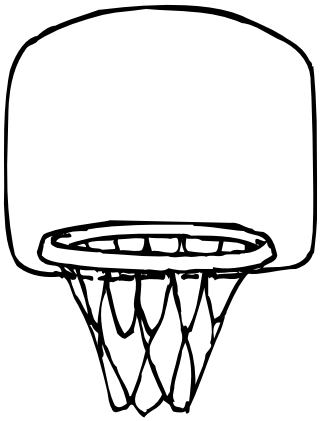
Dunk That Ball!

Name _____

Write the answers to make a basket.







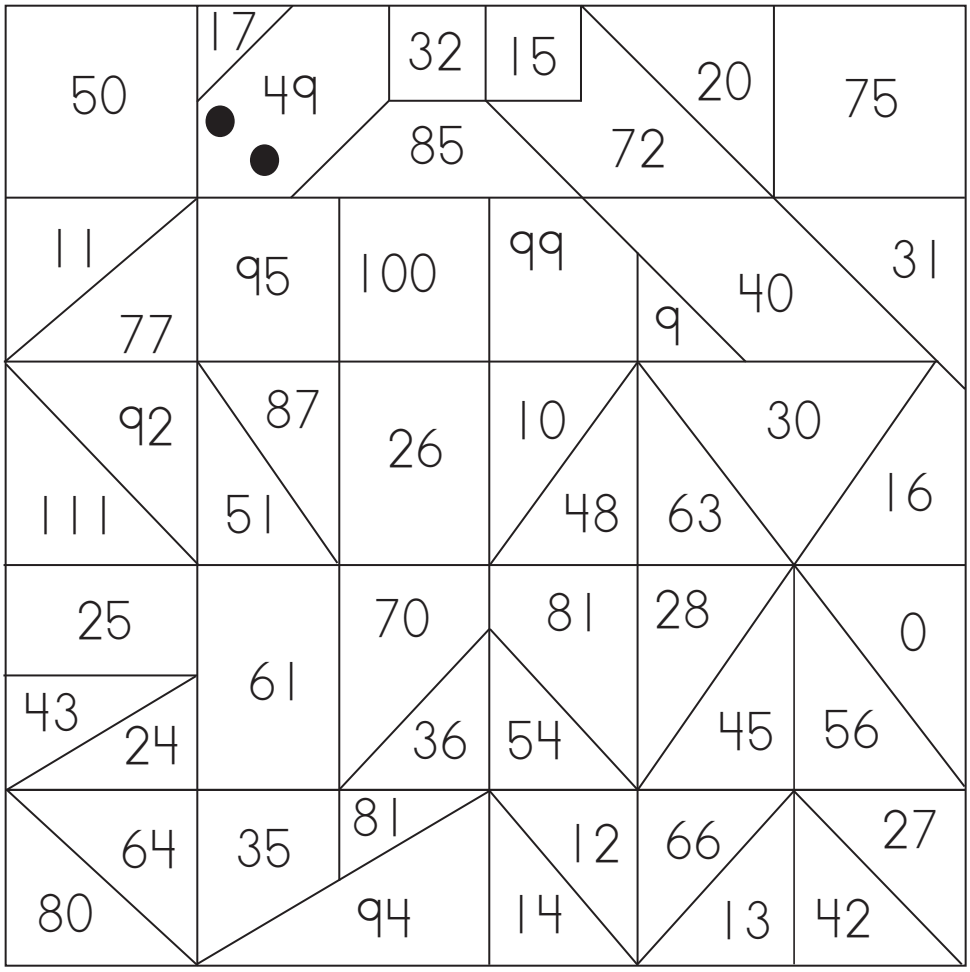
7 x 9 = _____	8 x 9 = _____	9 x 9 = _____
7 x 8 = _____	8 x 8 = _____	9 x 8 = _____
7 x 7 = _____	8 x 7 = _____	9 x 7 = _____
7 x 6 = _____	8 x 6 = _____	9 x 6 = _____
7 x 5 = _____	8 x 5 = _____	9 x 5 = _____
7 x 4 = _____	8 x 4 = _____	9 x 4 = _____
7 x 3 = _____	8 x 3 = _____	9 x 3 = _____
7 x 2 = _____	8 x 2 = _____	9 x 2 = _____
7 x 1 = _____	8 x 1 = _____	9 x 1 = _____
7 x 0 = _____	8 x 0 = _____	9 x 0 = _____

Commit multiplication facts 7s through 10s to memory

A Big Surprise

Name _____

Color the spaces containing the answers to the problems to find the surprise.



1.

3	4	4	9	6	3	2	4
x 3	x 7	x 4	x 0	x 2	x 5	x 7	x 9

2.

5	4	6	3	9	9	8	5
x 9	x 8	x 7	x 8	x 9	x 6	x 8	x 7

3.

3	5	8	6	7	8	7	6
x 9	x 8	x 7	x 5	x 7	x 9	x 9	x 8

Commit multiplication facts 7s through 10s to memory

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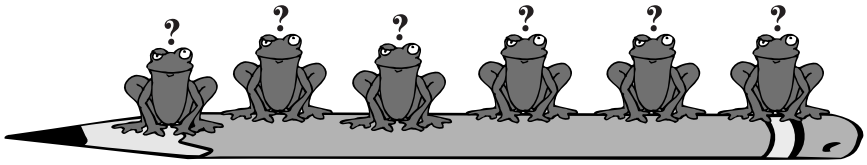
Is It Correct?

Name _____

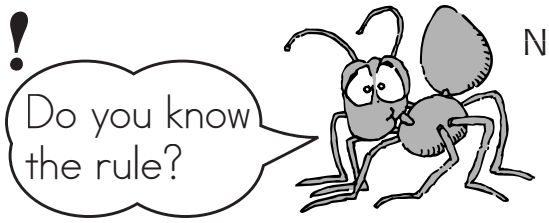


Circle the problems that have the correct answer. Correct the problems that have the incorrect answer.

1.	6 x 4 = 24	4 x 8 = ~~28~~ 32	6 x 3 = 9	8 x 5 = 40	7 x 4 = 21	7 x 8 = 65	5 x 3 = 15	3 x 7 = 21
2.	2 x 7 = 14	4 x 9 = 36	3 x 9 = 18	6 x 5 = 11	7 x 7 = 42	8 x 7 = 56	6 x 6 = 36	5 x 9 = 45
3.	3 x 8 = 26	8 x 9 = 72	8 x 6 = 48	8 x 8 = 16	9 x 5 = 40	4 x 8 = 32	7 x 4 = 28	7 x 7 = 49
4.	6 x 9 = 42	7 x 5 = 30	3 x 4 = 12	9 x 6 = 45	9 x 9 = 91	6 x 5 = 30	8 x 5 = 35	5 x 3 = 8
5.	2 x 8 = 18	7 x 0 = 0	6 x 5 = 30	7 x 9 = 56	1 x 8 = 18	6 x 9 = 54	7 x 7 = 35	6 x 0 = 60

Commit multiplication facts 7s through 10s to memory

It's a Rule!



Name _____

Solve these problems.

1.	2 x 6 = 12 so 6 x 2 = 12	**7.**	6 x 7 = _____ so 7 x 6 = _____
2.	4 x 8 = _____ so 8 x 4 = _____	**8.**	3 x 9 = _____ so 9 x 3 = _____
3.	2 x 9 = _____ so 9 x 2 = _____	**9.**	2 x 8 = _____ so 8 x 2 = _____
4.	5 x 9 = _____ so 9 x 5 = _____	**10.**	6 x 8 = _____ so 8 x 6 = _____
5.	3 x 8 = _____ so 8 x 3 = _____	**11.**	5 x 7 = _____ so 7 x 5 = _____
6.	4 x 7 = _____ so 7 x 4 = _____	**12.**	3 x 7 = _____ so 7 x 3 = _____

Write the rule about number order in multiplication.

_____

_____

Solve these problems.

13.	10 x 3 = _____	10 x 10 = _____	10 x 6 = _____
14.	10 x 8 = _____	10 x 4 = _____	10 x 9 = _____
15.	10 x 5 = _____	10 x 7 = _____	10 x 2 = _____

Write the rule for multiplying a number by 10.

_____

_____

Commit multiplication facts 7s through 10s to memory

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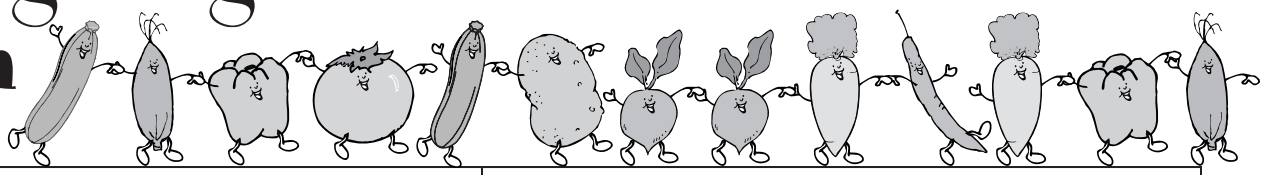
Planting a Vegetable Garden

Name _____



1. Mr. McRoy bought 9 boxes of vegetable plants. Each box had 6 plants in it. How many vegetable plants did he buy in all?

_____

Show your work.

2. He planted 5 rows of corn. There were 9 plants in each row. How many corn plants were there in all?

_____

Show your work.

3. Bean plants cost 10¢ each. Mr. McRoy bought 8 plants. How much did he spend on beans?

_____¢

Show your work.

4. Mr. McRoy works in his garden about 3 hours a day. About how many hours does he work in one week?

_____

Show your work.

5. Mr. McRoy planted 8 rows of carrots this year. Each row had 9 plants in it. Last year he planted 100 carrot plants. How many more carrot plants did he plant last year?

_____

Show your work.

6. Write a word problem about a vegetable garden.

_____

_____

_____

_____

Show the answer to your problem.

Commit multiplication facts 7s through 10s to memory

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Name _____

Math Test

Fill in the circle next to the correct answer.

1. 7 x 9 = _____
Ⓐ 21 Ⓑ 45 Ⓒ 63 Ⓓ 72

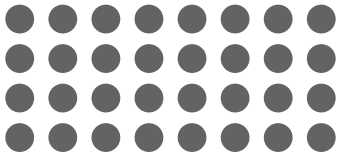
2. 8 x 6 = _____
Ⓐ 42 Ⓑ 48 Ⓒ 54 Ⓓ 64

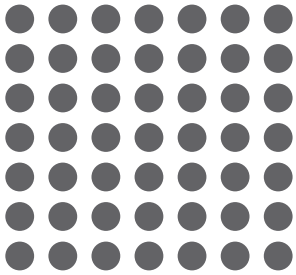
3. 9 x 9 = _____
Ⓐ 18 Ⓑ 48 Ⓒ 81 Ⓓ 84

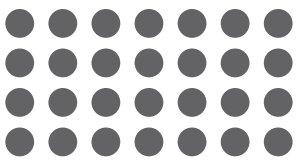
4. 10 x 7 = _____
Ⓐ 17 Ⓑ 70 Ⓒ 71 Ⓓ 107

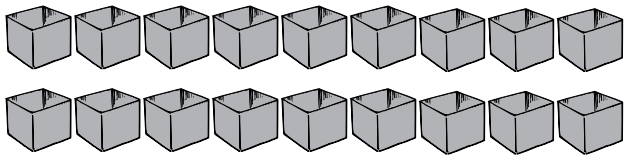
5. Which array shows this number sentence?
4 x 7 = 28

Ⓐ

Ⓑ


Ⓒ


Ⓓ


6. Which is the correct problem for this array?

Ⓐ 2 x 9 Ⓑ 2 x 2 Ⓒ 2 + 9 Ⓓ 9 + 2

7. Which number sentence is NOT correct?
Ⓐ 9 x 5 = 45
Ⓑ 7 x 8 = 56
Ⓒ 6 x 6 = 32
Ⓓ 8 x 3 = 24

8. 0 x a number is _____ 0.
Ⓐ never
Ⓑ sometimes
Ⓒ always
Ⓓ none of the above

9. There are 9 bags of peanuts. There are 8 peanuts in each bag. How many peanuts are there in all?
Ⓐ 17
Ⓑ 87
Ⓒ 98
Ⓓ none of the above

10. A dime is worth 10¢. What is the value of 7 dimes?
Ⓐ 10¢
Ⓑ 17¢
Ⓒ 70¢
Ⓓ none of the above

Commit multiplication facts 7s through 10s to memory

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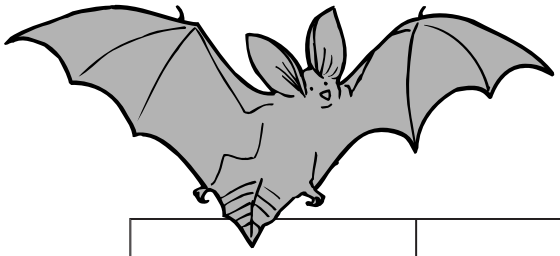
Heading Home

Name _____

Color the boxes that have the answer **8** to help the bat find its cave.



$2\overline{)16}$	$8\overline{)8}$	$8\overline{)72}$	$8\overline{)32}$
$9\overline{)72}$	$3\overline{)24}$	$8\overline{)56}$	$7\overline{)28}$
$7\overline{)63}$	$7\overline{)56}$	$6\overline{)54}$	$8\overline{)16}$
$7\overline{)35}$	$6\overline{)48}$	$8\overline{)64}$	$5\overline{)40}$
$6\overline{)30}$	$8\overline{)24}$	$9\overline{)36}$	$4\overline{)32}$

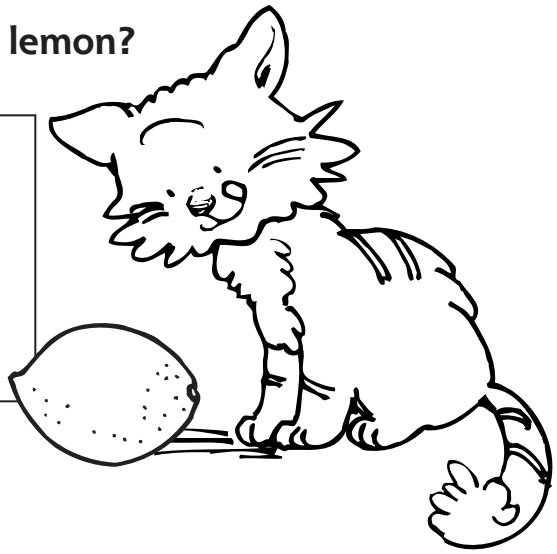
Solve basic division problems, showing an understanding of the relationship between multiplication and division

Crazy Cat

Name _____

What would you call a cat that ate a lemon?

Key		
1—t	4—i	7—e
2—a	5—o	8—r
3—s	6—u	9—p



Use the code to solve the riddle.
Write the matching letter below each answer.

$5\overline{)20}$ $5\overline{)5}$ $4\overline{)16}$ $3\overline{)9}$ $5\overline{)10}$

____ ____ ____ ____ ____

$5\overline{)15}$ $4\overline{)20}$ $2\overline{)12}$ $3\overline{)24}$ $5\overline{)45}$ $4\overline{)24}$ $6\overline{)18}$ $4\overline{)12}$

____ ____ ____ ____ ____ ____ ____ ____

Solve basic division problems, showing an understanding of the relationship between multiplication and division

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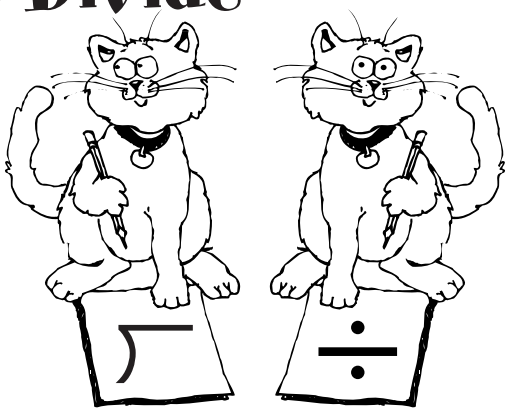
Two Ways to Divide

Name _____



1. $8\overline{)32}$ $3\overline{)27}$ $6\overline{)36}$ $4\overline{)32}$ $4\overline{)24}$

2. $7\overline{)21}$ $2\overline{)12}$ $5\overline{)35}$ $8\overline{)48}$ $6\overline{)36}$

3. $1\overline{)9}$ $9\overline{)72}$ $3\overline{)21}$ $6\overline{)18}$ $9\overline{)27}$

4. $12 \div 4 = \square$ $10 \div 5 = \square$ $30 \div 6 = \square$ $36 \div 4 = \square$

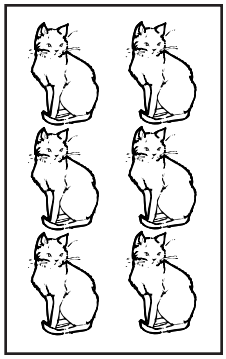
5. $20 \div 5 = \square$ $48 \div 6 = \square$ $24 \div 4 = \square$ $5 \div 5 = \square$

6. $81 \div 9 = \square$ $56 \div 8 = \square$ $54 \div 6 = \square$ $36 \div 9 = \square$

Solve basic division problems, showing an understanding of the relationship between multiplication and division

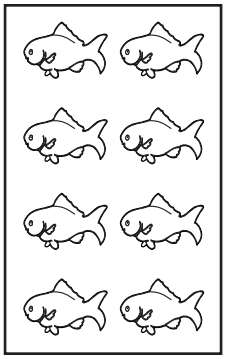
Multiply to Check Division

Name _____

1. 

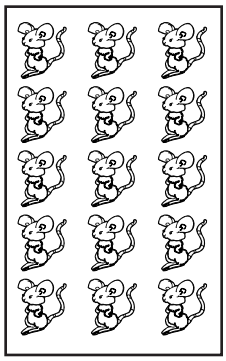
6 ÷ 2 = 3

3 x 2 = 6

2. 

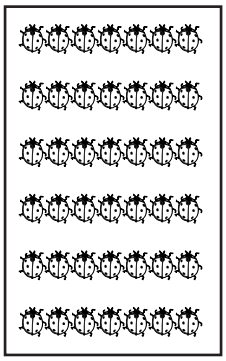
8 ÷ 2 = _____

_____ x 2 = _____

3. 

15 ÷ 5 = _____

_____ x 5 = _____

4. 

42 ÷ 6 = _____

_____ x 6 = _____

Write the answers to complete each set of related number sentences.

5.

20 ÷ 5 = _____

20 ÷ 4 = _____

4 x 5 = _____

5 x 4 = _____

6.

18 ÷ 3 = _____

18 ÷ 6 = _____

3 x 6 = _____

6 x 3 = _____

7.

56 ÷ 7 = _____

56 ÷ 8 = _____

7 x 8 = _____

8 x 7 = _____

Solve basic division problems, showing an understanding of the relationship between multiplication and division

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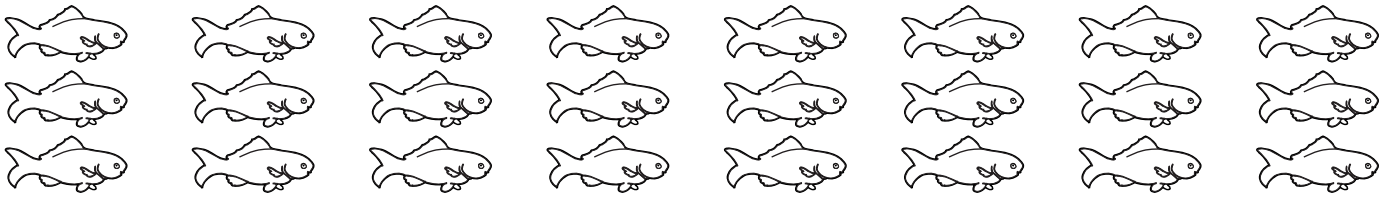
At the Beach

Name _____

Circle objects in the picture to help find the answer.

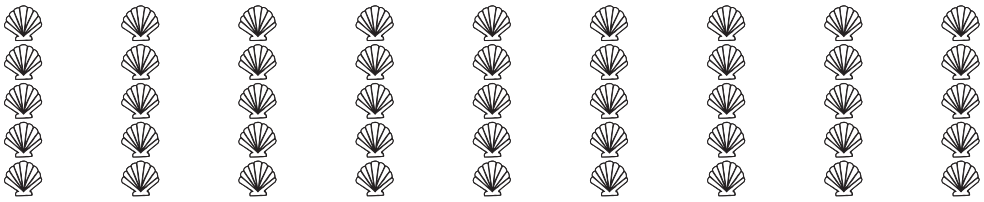
1.



Jerome gave 24 fish to 3 of his friends. He gave the same number of fish to each friend. How many fish did each friend get?

_____ fish

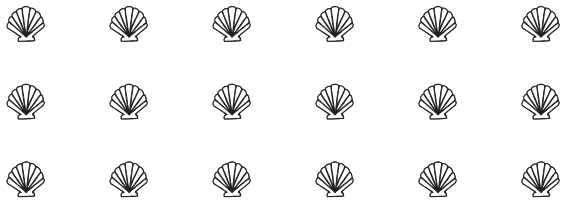
2.



Tanisha put the 45 shells she collected into boxes. She put 9 shells in each box. How many boxes did she use?

_____ boxes

3.



Write a division problem about this picture.

_____

_____

_____

Show the answer to your problem.

_____

Solve basic division problems, showing an understanding of the relationship between multiplication and division

Name _____

Math Test

Fill in the circle next to the correct answer.

1. 40 ÷ 5 = _____
- Ⓐ 6
- Ⓑ 7
- Ⓒ 8
- Ⓓ 9

2. 28 ÷ 4 = _____
- Ⓐ 6
- Ⓑ 7
- Ⓒ 8
- Ⓓ 9

3. 25 ÷ 5 = _____
- Ⓐ 1
- Ⓒ 5
- Ⓑ 3
- Ⓓ 9

4. $6\overline{)36}$
- Ⓐ 6
- Ⓑ 7
- Ⓒ 8
- Ⓓ 9

5. $7\overline{)49}$
- Ⓐ 6
- Ⓑ 7
- Ⓒ 8
- Ⓓ 9

6. $9\overline{)81}$
- Ⓐ 6
- Ⓑ 7
- Ⓒ 8
- Ⓓ 9

7. Which operation can be used to check division?
- Ⓐ addition
- Ⓑ subtraction
- Ⓒ multiplication
- Ⓓ none of the above

8. Which number sentence is NOT part of this fact family?

24, 6, 4
- Ⓐ 6 x 4 = 24
- Ⓑ 24 ÷ 6 = 4
- Ⓒ 24 ÷ 4 = 6
- Ⓓ 6 ÷ 4 = 24

9. Jake had 24 marbles. He divided them into 3 equal groups. How many marbles were in each group?
- Ⓐ 6
- Ⓑ 7
- Ⓒ 8
- Ⓓ 9

10. There were 45 ladybugs on 9 flowers. If each flower had the same number of ladybugs, how many were on each flower?
- Ⓐ 2
- Ⓑ 5
- Ⓒ 7
- Ⓓ 9

Solve basic division problems, showing an understanding of the relationship between multiplication and division

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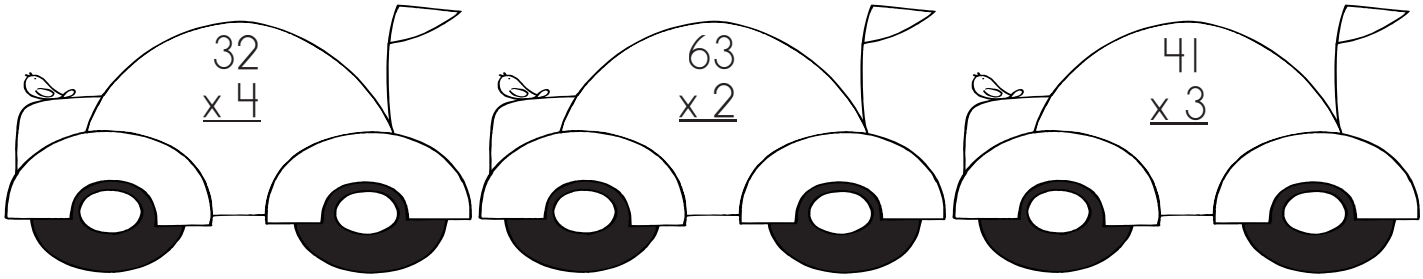
Car Lot

Name _____

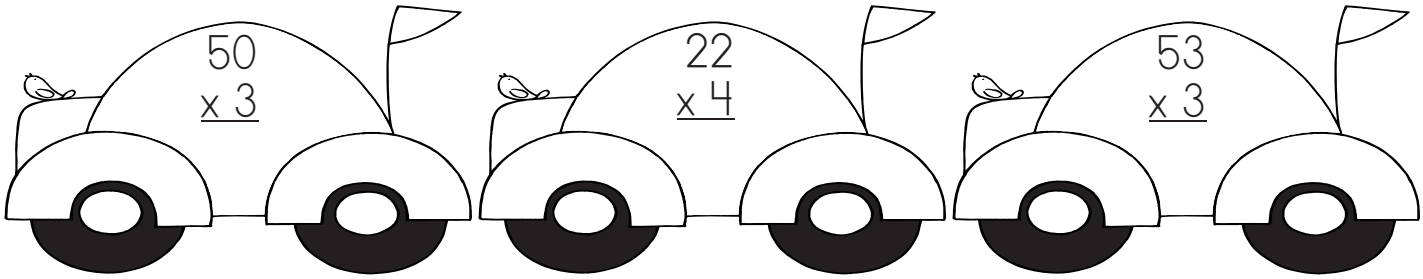
Solve the problems. Color the cars.

If the answer is **1** through **125**, color the car **orange**.
If the answer is **126** through **200**, color the car **purple**.
If the answer is **201** through **300**, color the car **green**.

1.



2.



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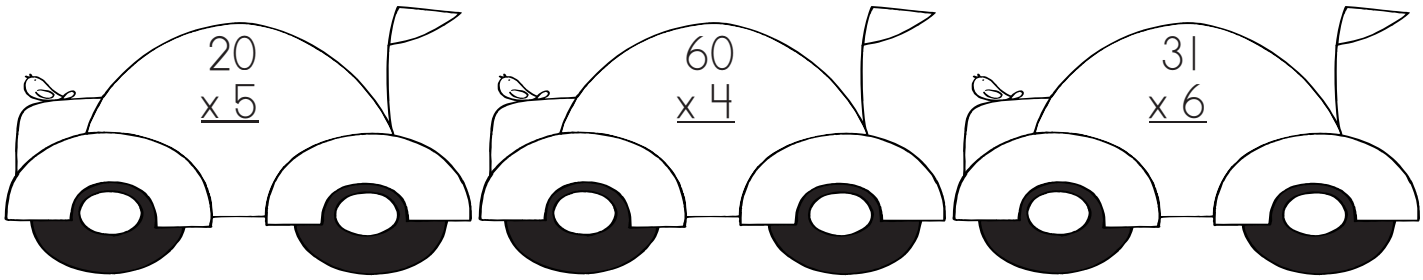

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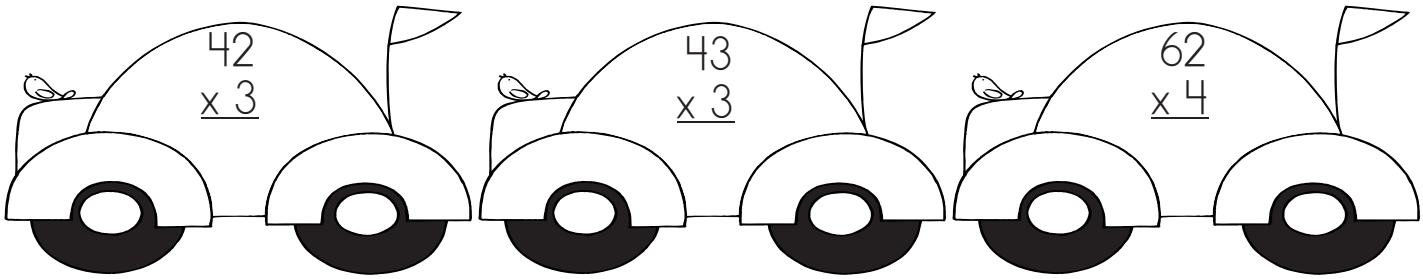
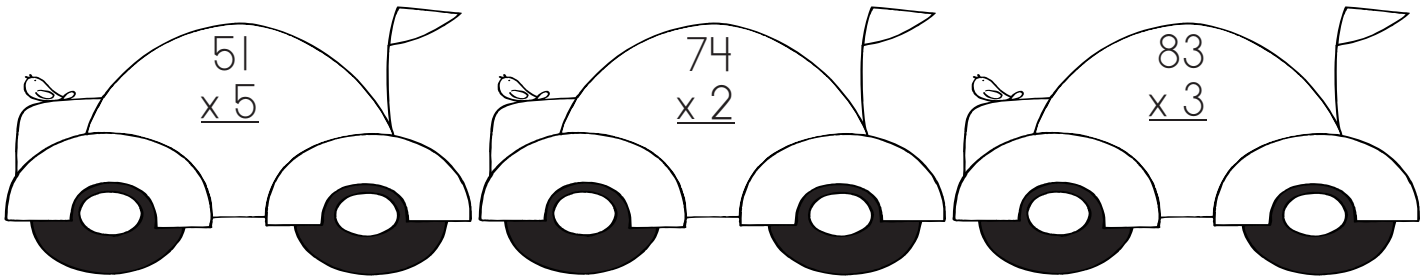


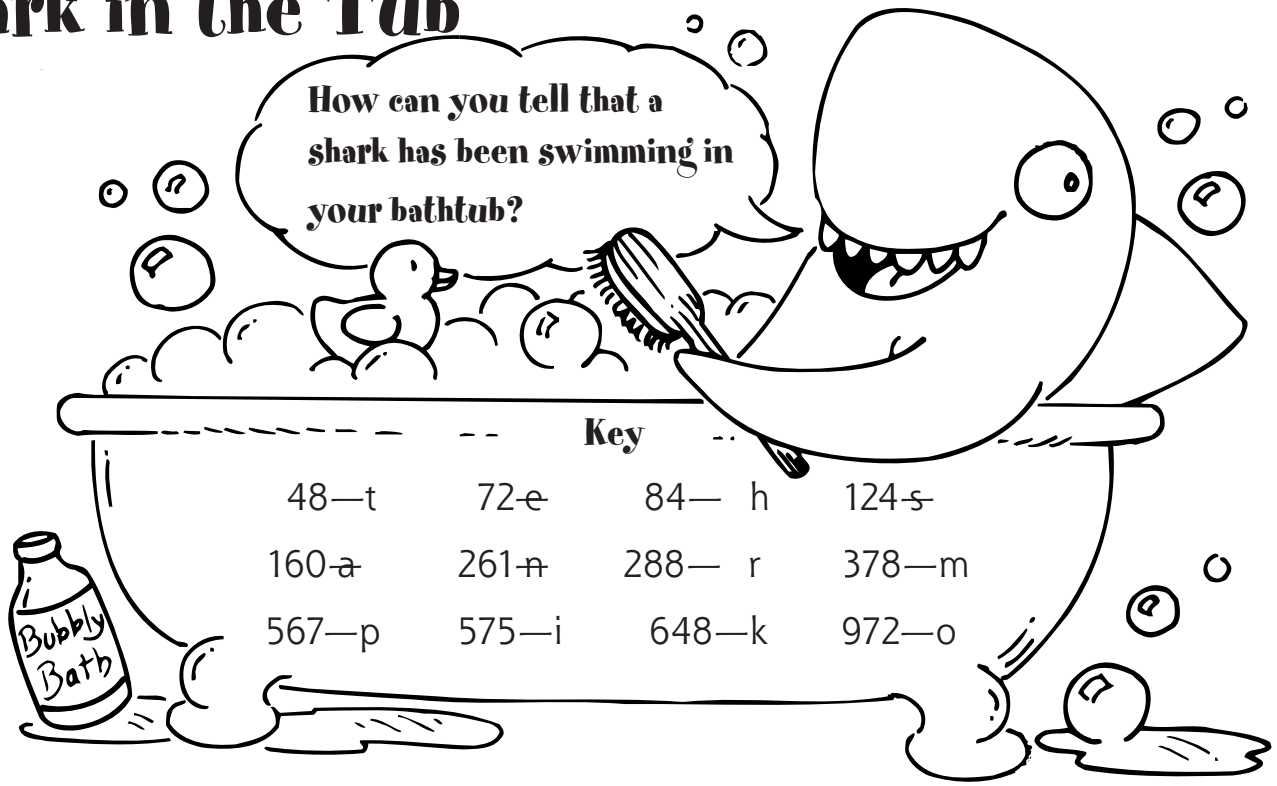
5.



Solve multiplication problems of multidigit numbers by one-digit numbers

Rub-a-Dub-Dub, Shark in the Tub

Name _____



Use the code to solve the riddle. Write the matching letter below each answer.

16 x 3 = 48	12 x 6	18 x 4	12 x 4	21 x 4
†				

63 x 6	32 x 5	36 x 8	216 x 3	31 x 4

162 x 6	29 x 9

24 x 2	12 x 7	36 x 2

62 x 2	324 x 3	20 x 8	63 x 9

Solve multiplication problems of multidigit numbers by one-digit numbers

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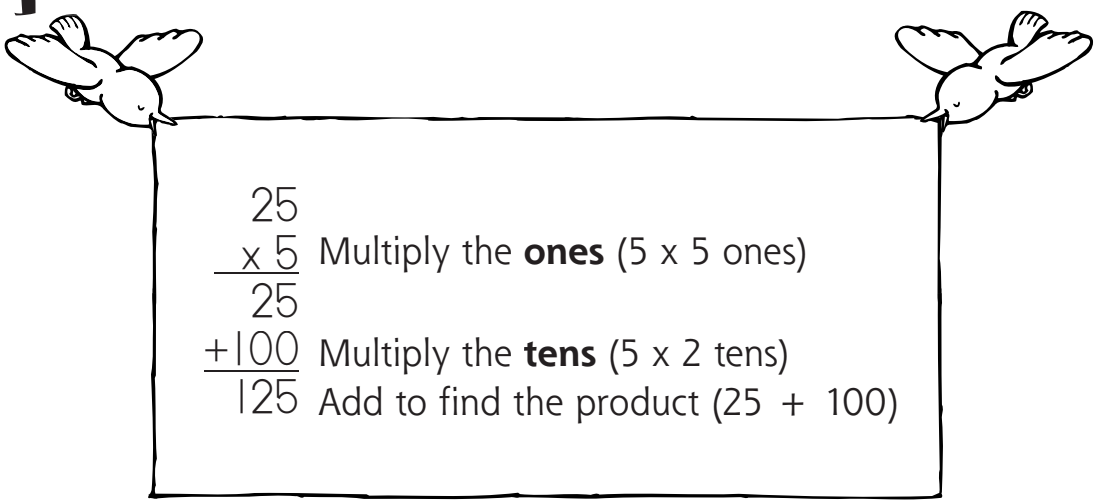
Regroup in Multiplication

Name _____



25
x 5 Multiply the **ones** (5 x 5 ones)
25
+100 Multiply the **tens** (5 x 2 tens)
125 Add to find the product (25 + 100)

1.

15	26	34	17	45
x 5	x 3	x 4	x 2	x 3

2.

22	48	51	36	60
x 6	x 2	x 5	x 2	x 8

Take a short cut.

3.

83	74	31	53	62
x 6	x 5	x 7	x 9	x 8
498				

Solve multiplication problems of multidigit numbers by one-digit numbers

Ralph's Homework

Name _____

Help Ralph complete his homework.

1.	18 x 4	12 x 5	15 x 6	12 x 7	11 x 9
2.	26 x 9	59 x 7	83 x 6	74 x 8	67 x 5
3.	321 x 4	106 x 6	452 x 2	216 x 6	351 x 5
4.	425 x 7	316 x 6	527 x 4	411 x 9	250 x 9
5.	2,013 x 6	4,252 x 2	3,042 x 6	1,124 x 6	4,123 x 4

Solve multiplication problems of multidigit numbers by one-digit numbers

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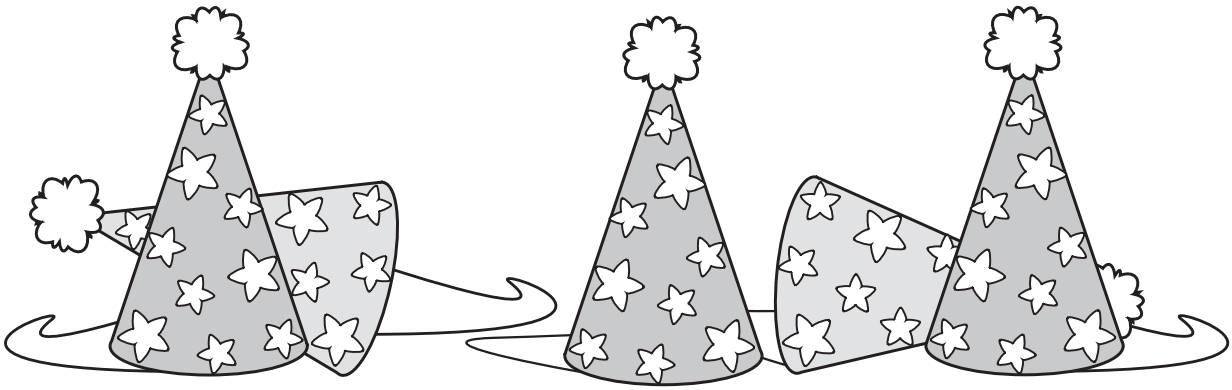
How Old Are You?

Name _____

Using the information on the cake, multiply to figure out how old you are.
Show your work.

1. I am _____ years old.
2. I am about _____ months old.
3. I am about _____ weeks old.
4. I am about _____ days old.



Solve multiplication problems of multidigit numbers by one-digit numbers

Name _____

Math Test

Fill in the circle next to the correct answer.

1. 20 x 4 = _____
- Ⓐ 5
- Ⓑ 24
- Ⓒ 40
- Ⓓ 80

2. 36 x 2 = _____
- Ⓐ 13
- Ⓑ 72
- Ⓒ 38
- Ⓓ 18

3. 54 x 2 = _____
- Ⓐ 27
- Ⓑ 34
- Ⓒ 52
- Ⓓ 108

4. 125 x 5 = _____
- Ⓐ 120
- Ⓑ 130
- Ⓒ 625
- Ⓓ 525

5. 630 x 3 = _____
- Ⓐ 210
- Ⓑ 627
- Ⓒ 1,290
- Ⓓ 1,890

6. Which one is the most?
- Ⓐ 11 x 9
- Ⓑ 10 x 7
- Ⓒ 12 x 8
- Ⓓ 14 x 5

7. Which one is the least?
- Ⓐ 83 x 6
- Ⓑ 100 x 5
- Ⓒ 45 x 4
- Ⓓ 210 x 7

8. Which problem has the same answer as 30 x 6?
- Ⓐ 12 x 6
- Ⓑ 16 x 7
- Ⓒ 45 x 4
- Ⓓ 20 x 8

9. There are 45 pea pods on a plant. There are 5 peas in each pod. How many peas are there in all?
- Ⓐ 40
- Ⓑ 50
- Ⓒ 115
- Ⓓ 225

10. A baker made 125 cakes each day last week. How many cakes did he make?
- Ⓐ 875
- Ⓑ 575
- Ⓒ 1,075
- Ⓓ 1,575

Solve multiplication problems of multidigit numbers by one-digit numbers

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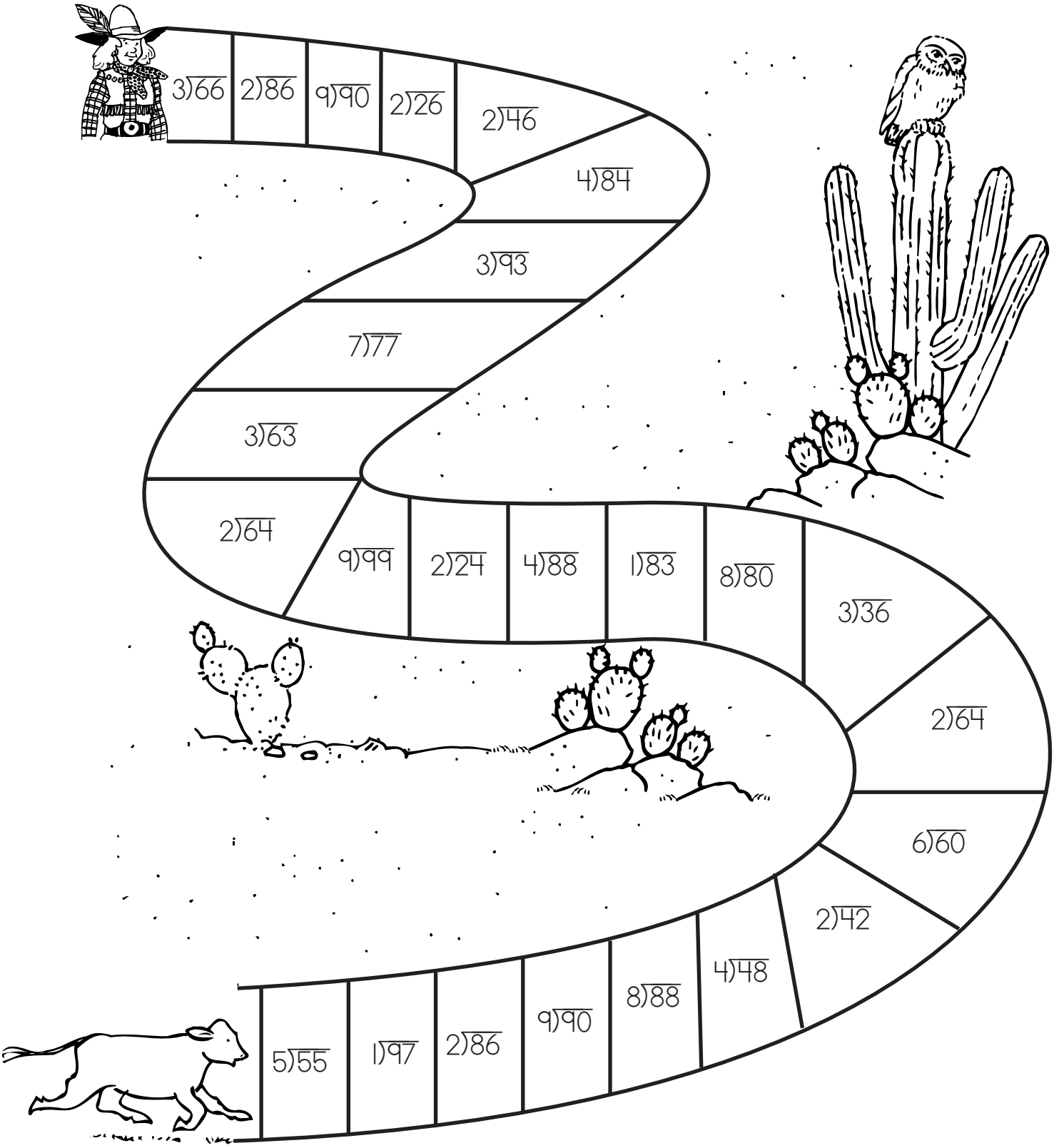
Catch the Lost Calf

Name _____

Find the answers to help the cowgirl find her lost calf.



Solve division problems in which a one-digit number evenly divides a multidigit number

Tick, Tock, Where's the Clock?

Name _____

Why did the monkey throw the clock out the window?

Key		
21—l	31—f	41—e
50—s	80—i	91—t
120—o	121—m	342—y

Use the code to solve the riddle. Write the matching letter below each answer.

$6\overline{)546}$	$3\overline{)360}$

_____ _____

$9\overline{)450}$	$6\overline{)246}$	$9\overline{)369}$

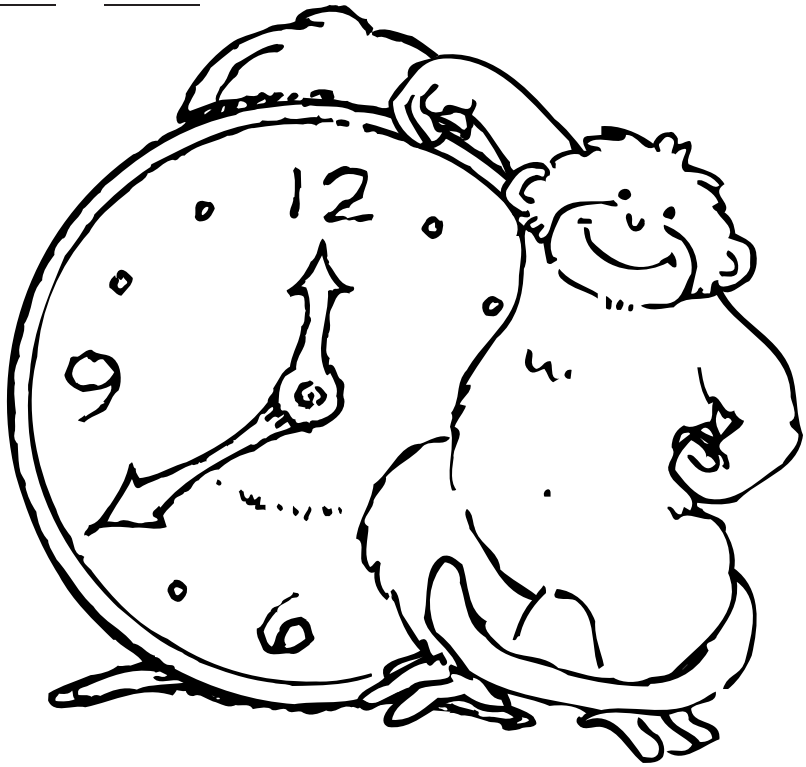
_____ _____ _____

$9\overline{)819}$	$6\overline{)480}$	$4\overline{)484}$	$7\overline{)287}$

_____ _____ _____ _____

$8\overline{)248}$	$9\overline{)189}$	$2\overline{)684}$

_____ _____ _____



Solve division problems in which a one-digit number evenly divides a multidigit number

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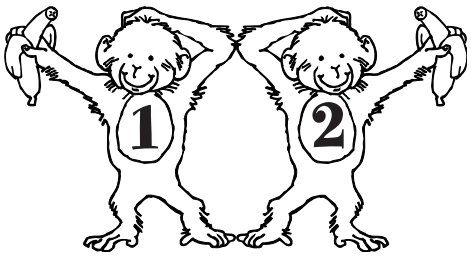
Two-Step Division



Name _____

1.

$$\begin{array}{r} 25 \\ 3\overline{)75} \\ -6 \\ \hline 15 \\ -15 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 13 \\ 6\overline{)78} \\ -6 \\ \hline 18 \\ -18 \\ \hline 0 \end{array}$$

$2\overline{)54}$ $8\overline{)96}$

2. $6\overline{)90}$ $3\overline{)78}$ $5\overline{)50}$ $7\overline{)84}$

3. $5\overline{)85}$ $6\overline{)72}$ $4\overline{)72}$ $6\overline{)90}$

4. $7\overline{)91}$ $6\overline{)96}$ $3\overline{)84}$ $5\overline{)95}$

Solve division problems in which a one-digit number evenly divides a multidigit number

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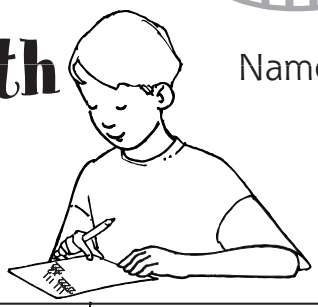
Check Division with Multiplication



Name _____

1.

$$\begin{array}{r} 22 \\ 5\overline{)110} \\ -10 \\ \hline 10 \\ -10 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 22 \\ \times\ 5 \\ \hline 110 \end{array}$$

2. $7\overline{)217}$

$$\begin{array}{r} \square \\ \times\ 7 \\ \hline \square \end{array}$$

3. $2\overline{)468}$

$$\begin{array}{r} \square \\ \times\ 2 \\ \hline \square \end{array}$$

4. $6\overline{)726}$

$$\begin{array}{r} \square \\ \times\ 6 \\ \hline \square \end{array}$$

5. $4\overline{)880}$

$$\begin{array}{r} \square \\ \times\ 4 \\ \hline \square \end{array}$$

6. $9\overline{)459}$

$$\begin{array}{r} \square \\ \times\ 9 \\ \hline \square \end{array}$$

7. $3\overline{)639}$

$$\begin{array}{r} \square \\ \times\ 3 \\ \hline \square \end{array}$$

8. $8\overline{)344}$

$$\begin{array}{r} \square \\ \times\ 8 \\ \hline \square \end{array}$$

Solve division problems in which a one-digit number evenly divides a multidigit number

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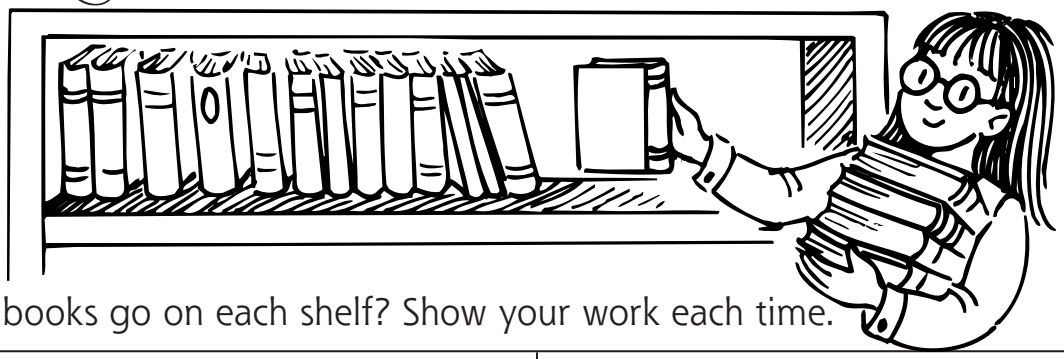
Shelving Books

Name _____



How many books go on each shelf? Show your work each time.

1. 18 books, 2 shelves _____ books on a shelf	**2.** 54 books, 6 shelves _____ books on a shelf
3. 75 books, 5 shelves _____ books on a shelf	**4.** 198 books, 9 shelves _____ books on a shelf

Solve division problems in which a one-digit number evenly divides a multidigit number

Name _____

Math Test

Fill in the circle next to the correct answer.

1. $63 \div 9 =$ _____

Ⓐ 5 Ⓑ 6 Ⓒ 7 Ⓓ 8

2. $132 \div 6 =$ _____

Ⓐ 12 Ⓑ 22 Ⓒ 21 Ⓓ 20

3. $9\overline{)279}$

Ⓐ 30
Ⓑ 31
Ⓒ 40
Ⓓ 41

4. $6\overline{)480}$

Ⓐ 40
Ⓑ 60
Ⓒ 70
Ⓓ 80

5. Which one is the most?

Ⓐ $66 \div 1$
Ⓑ $57 \div 3$
Ⓒ $84 \div 4$
Ⓓ $96 \div 3$

6. Which one is the least?

Ⓐ $44 \div 2$
Ⓑ $93 \div 3$
Ⓒ $164 \div 4$
Ⓓ $396 \div 3$

7. Which problem has the same answer as 10 x 4?

Ⓐ $108 \div 6$
Ⓑ $125 \div 5$
Ⓒ $200 \div 5$
Ⓓ $369 \div 9$

8. Which problem has the same answer as $125 \div 5$?

Ⓐ $45 \div 3$
Ⓑ $30 \div 2$
Ⓒ $65 \div 5$
Ⓓ $100 \div 4$

9. Which operation can be used to check division?

Ⓐ addition
Ⓑ subtraction
Ⓒ multiplication
Ⓓ none of the above

10. Tom's family drove 345 miles in three days. They drove the same number of miles each day. How many miles did they drive each day?

Ⓐ 40
Ⓑ 50
Ⓒ 115
Ⓓ 225

Solve division problems in which a one-digit number evenly divides a multidigit number

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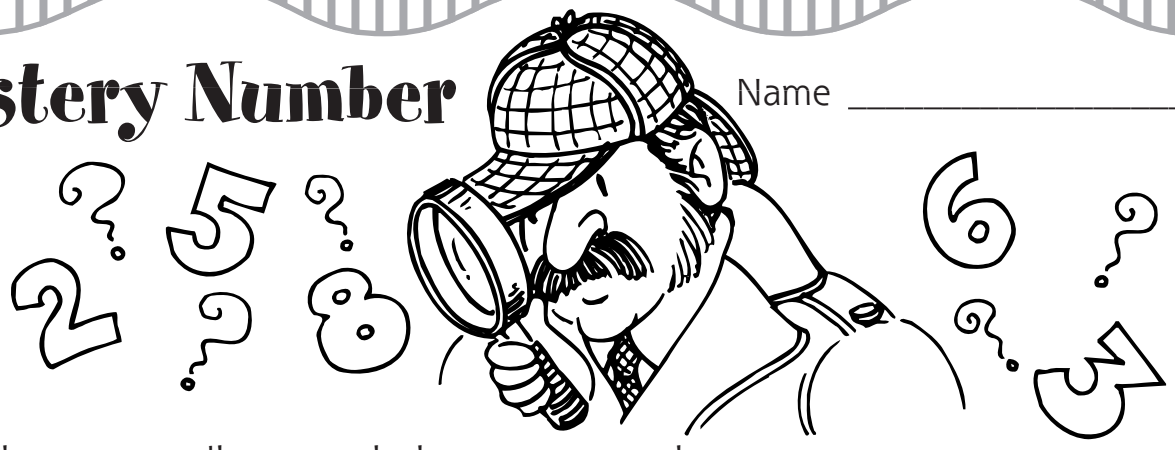
Mystery Number

Name _____



Find each answer until you reach the mystery number.

1. Ramon's age 8 + 9 ☐ x 2 ☐ – 4 ☐ ÷ 2 ☐ –Ramon's age ☐ **mystery number** ☐	**2.** Your age ☐ + 9 ☐ x 2 ☐ – 4 ☐ ÷ 2 ☐ –Your age ☐ **mystery number** ☐
3. A friend's age ☐ + 9 ☐ x 2 ☐ – 4 ☐ ÷ 2 ☐ –Your friend's a ge ☐ **mystery number** ☐	**4.** A friend's age ☐ + 9 ☐ x 2 ☐ – 4 ☐ ÷ 2 ☐ –Your friend's a ge ☐ **mystery number** ☐

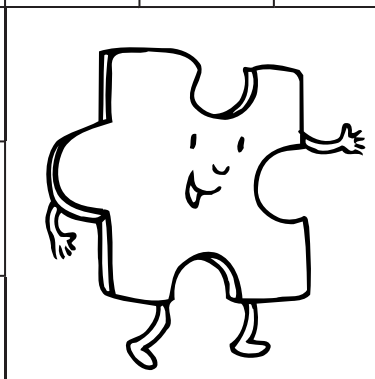
Solve problems that require two or more operations

Puzzle Squares

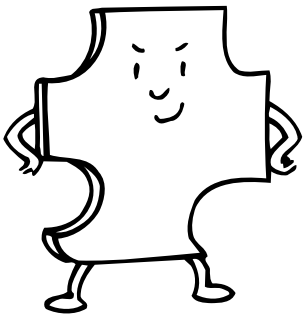
Name _____

Fill in the missing numbers to complete the squares.

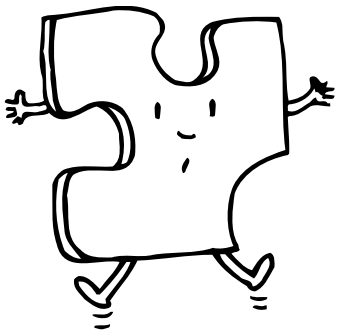
1.

	–	3	=	
+				+
6				
=				=
14	–		=	7

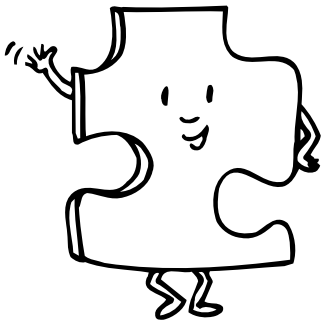
2.

	+	6	=	13
–				+
=				=
4	+	9	=	

3.

	x	9	=	
x				÷
6				
=				=
24	÷		=	6

4.

	x		=	
÷				÷
2				4
=				=
4	x	1	=	

Solve problems that require two or more operations

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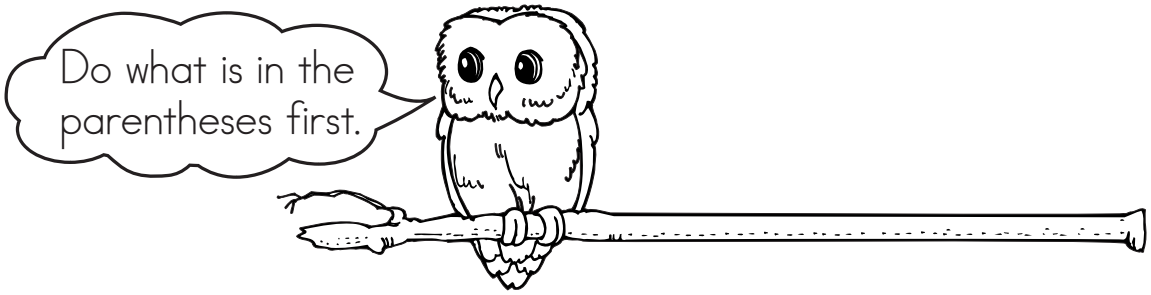
Order of Operations

Name _____



(9 + 8) – 4 = 17 – 4 = 13	(6 x 2) + (3 x 4) = 12 + 12 = 24

1. (9 + 9) – 10 = _____ (6 + 8) + 9 = _____ (12 + 15) – 6 = _____

2. (25 + 13) – 19 = _____ (18 + 10) + 32 = _____ (36 + 45) – 38 = _____

3. (48 ÷ 6) x 9 = _____ (57 ÷ 3) x 2 = _____ (81 ÷ 9) x 6 = _____

4. 24 – (3 x 2) = _____ 15 + (9 ÷ 3) = _____ 8 x (6 + 6) = _____

5. (8 x 4) – (7 + 9) = _____ (25 ÷ 5) + (3 x 9) = _____ (36 – 24) x (12 – 4) = _____

Solve problems that require two or more operations

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Peanut Butter and Jam

Name _____

1. Mrs. Chan made 100 jars of strawberry jam. She sold one dozen jars each day last week. How many jars does she have left?

_____ jars

Circle the operations you used to solve the problem.

add subtract multiply divide

---

2. Mrs. Lee plans to make 21 jars of peanut butter. It takes 6 cups of peanuts to make each jar. She has 80 cups of peanuts. How many more cups does she need to buy?

_____ cups

Circle the operations you used to solve the problem.

add subtract multiply divide

---

3. Mr. Carson made sandwiches for his scout troop. He used 2 spoonfuls of peanut butter and 3 spoonfuls of jam for each sandwich. How many spoonfuls of peanut butter and jam did he use for 18 sandwiches? There were 6 boys in the troop. How many sandwiches did each boy get?

_____ spoonfuls of peanut butter

_____ spoonfuls of jam

_____ sandwiches for each boy

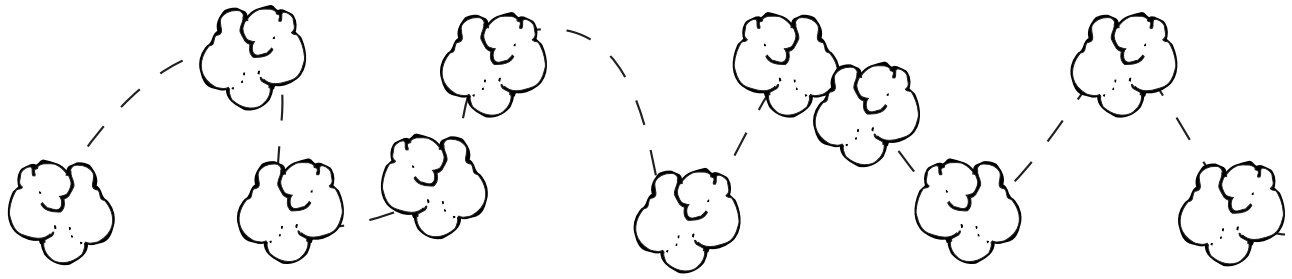
Circle the operations you used to solve the problem.

add subtract multiply divide

Solve problems that require two or more operations

Popcorn

Name _____



Wilbur is in charge of making popcorn for the school fair. Help him solve these problems.

1. Wilbur bought 9 bags of kernels. There are 8 scoops of kernels in each bag. Each scoop of kernels makes 4 cups of popped corn. How many cups of popped corn can he make?

_____ cups

Circle the operations you used to solve the problem.

add subtract multiply divide

---

2. Each bag of kernels costs $2.00. How much change will Wilbur get back from a $20.00 bill?

Hint: Don't forget how many bags of kernels he bought.

_____ change

Circle the operations you used to solve the problem.

add subtract multiply divide

---

3. Wilbur's popcorn popper can pop 2 scoops of kernels at a time. How many batches will he need to cook to pop all of the bags of kernels he bought?

Hint: Remember how many scoops of kernels he has.

_____ batches

Circle the operations you used to solve the problem.

add subtract multiply divide

Solve problems that require two or more operations

Name _____

Math Test

Fill in the circle next to the correct answer.

1. (2 x 2) + 8 = _____
- Ⓐ 10
- Ⓑ 18
- Ⓒ 12
- Ⓓ 32

2. (18 – 9) + 7 = _____
- Ⓐ 16
- Ⓑ 34
- Ⓒ 63
- Ⓓ 66

3. (6 x 8) –18 = _____
- Ⓐ 20
- Ⓑ 30
- Ⓒ 38
- Ⓓ 66

4. (81 ÷ 9) x 4 = _____
- Ⓐ 15
- Ⓑ 36
- Ⓒ 72
- Ⓓ 76

5. (64 ÷ 8) + 36 = _____
- Ⓐ 38
- Ⓑ 40
- Ⓒ 44
- Ⓓ 82

6. (25 ÷ 5) + (7 + 9) = _____
- Ⓐ 21
- Ⓑ 40
- Ⓒ 41
- Ⓓ 68

7. (8 x 6) – (4 x 5) = _____
- Ⓐ 24
- Ⓑ 26
- Ⓒ 28
- Ⓓ 39

8. Which one has the largest answer?
- Ⓐ (6 x 0) + (5 x 1)
- Ⓑ (5 x 3) – (3 x 2)
- Ⓒ (12 ÷ 6) + (12 ÷ 2)
- Ⓓ (2 x 8) – (8 x 2)

9. Kim bought a camera for $18 and 2 rolls of film for $3 each. How much did she spend in all?
- Ⓐ $20
- Ⓑ $21
- Ⓒ $24
- Ⓓ $27

10. Jill had $40 to fix her old bike. New tires cost $21. A bell cost $5. How much money did she have left?
- Ⓐ $12
- Ⓑ $14
- Ⓒ $16
- Ⓓ $66

Solve problems that require two or more operations

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Teammates

Name _____

Write the players' numbers on the correct team.

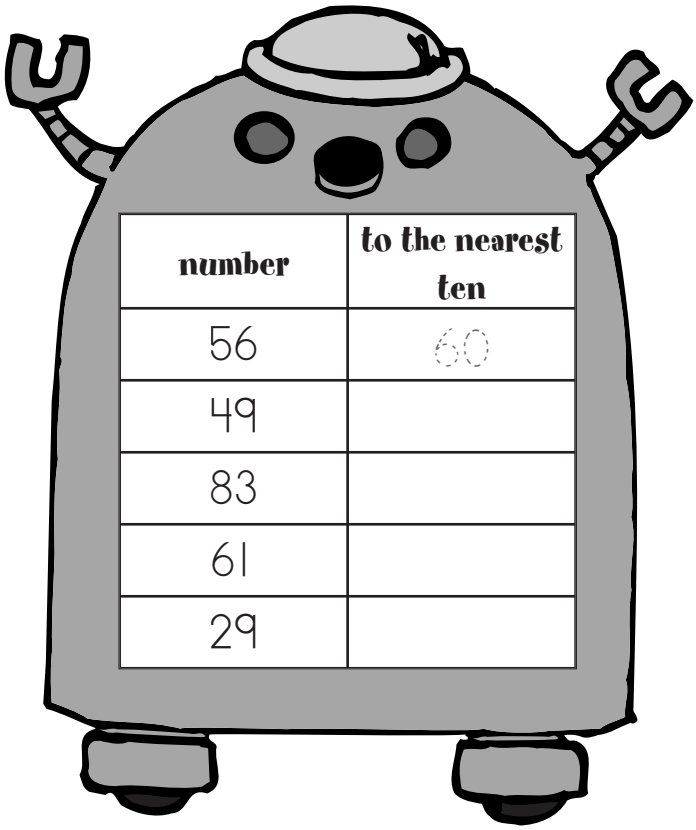
Team 1 (numbers nearer **500**)	**Team 2** (numbers nearer **400**)
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Make reasonable estimates when computing

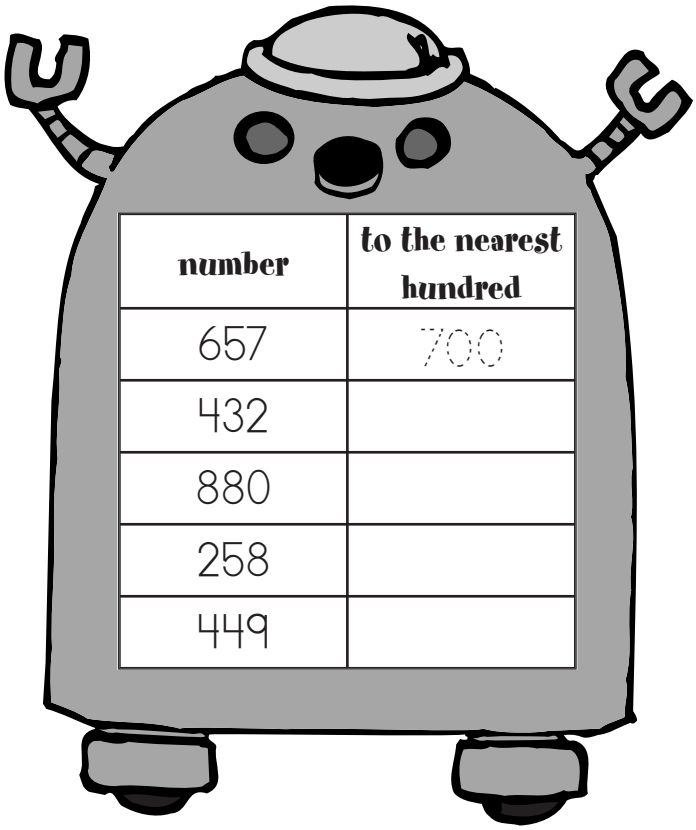
Rounding Review

Name _____

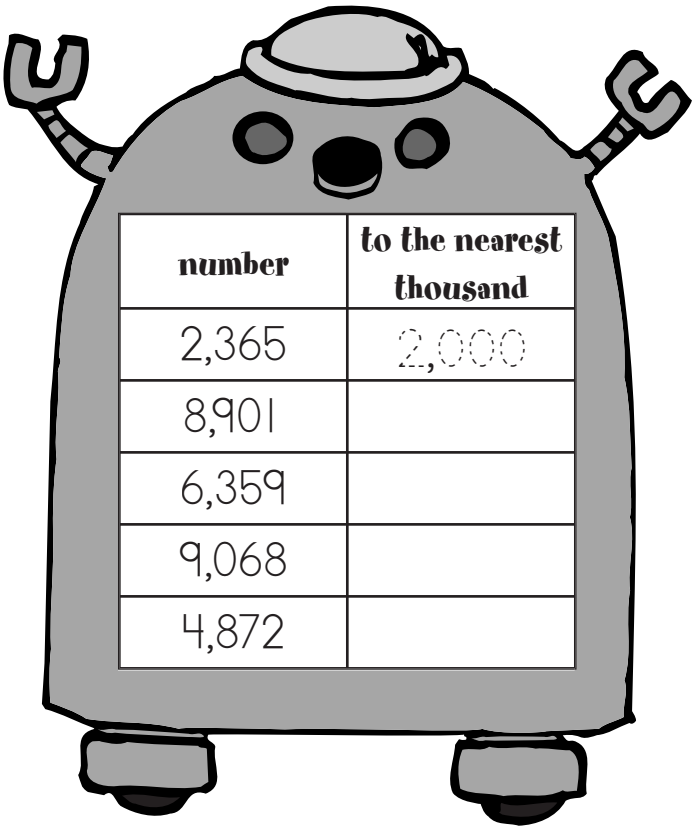
Round the numbers to the nearest place named on each chart.



number	to the nearest ten
56	60
49	
83	
61	
29	



number	to the nearest hundred
657	700
432	
880	
258	
449	



number	to the nearest thousand
2,365	2,000
8,901	
6,359	
9,068	
4,872	

Make reasonable estimates when computing

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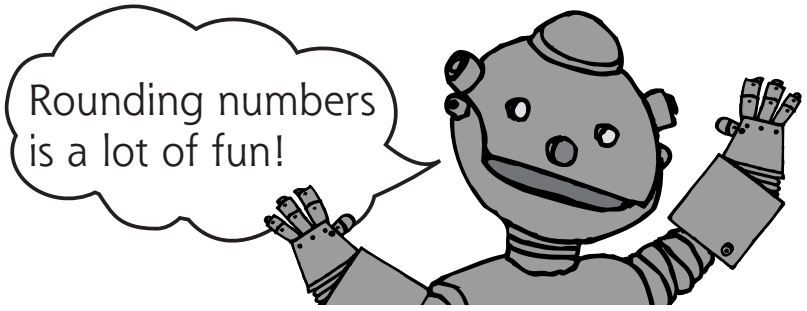
Make an Estimate

Name _____



To **estimate** the sum or difference, first round the numbers and then add or subtract.

$$\begin{array}{rl} 19 \longrightarrow & 20 \text{ (round up)} \\ +\ 43 \longrightarrow & +\ 40 \text{ (round down)} \\ \hline & 60 \text{ (the sum is about 60)} \end{array}$$

$$\begin{array}{rl} 528 \longrightarrow & 500 \text{ (round down)} \\ -\ 372 \longrightarrow & -\ 400 \text{ (round up)} \\ \hline & 100 \text{ (the difference is about 100)} \end{array}$$

1. Round to the nearest **ten**, and then add or subtract.

$$\begin{array}{rl} 78 \longrightarrow & 80 \\ -\ 31 \longrightarrow & -\ 30 \\ \hline & 50 \end{array}$$

$$\begin{array}{r} 28 \\ +\ 41 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ -\ 15 \\ \hline \end{array}$$

2. Round to the nearest **hundred**, and then add or subtract.

$$\begin{array}{r} 427 \\ -\ 216 \\ \hline \end{array}$$

$$\begin{array}{r} 662 \\ +\ 347 \\ \hline \end{array}$$

$$\begin{array}{r} 866 \\ +\ 316 \\ \hline \end{array}$$

3. Round to the nearest **thousand**, and then add or subtract.

$$\begin{array}{r} 3{,}431 \\ +\ 2{,}199 \\ \hline \end{array}$$

$$\begin{array}{r} 5{,}863 \\ -\ 1{,}346 \\ \hline \end{array}$$

$$\begin{array}{r} 8{,}903 \\ -\ 4{,}565 \\ \hline \end{array}$$

Make reasonable estimates when computing

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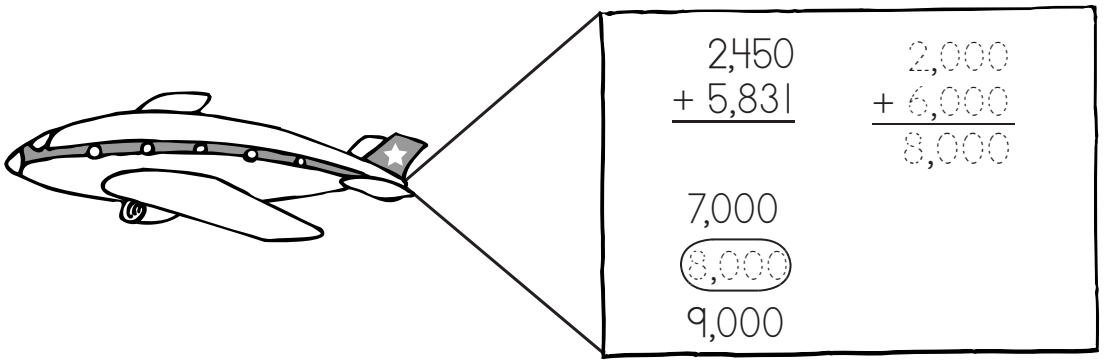
The Best Estimate

Name _____

Round the numbers and then add or subtract.
Circle your estimate. Then add or subtract to see how close your estimate is to the actual answer.



1. 3,892
+ 4,622

7,000
8,000
9,000

2. 5,381
+ 2,069

6,000
7,000
8,000

3. 6,216
– 3,922

2,000
3,000
4,000

4. 6,793
– 4,236

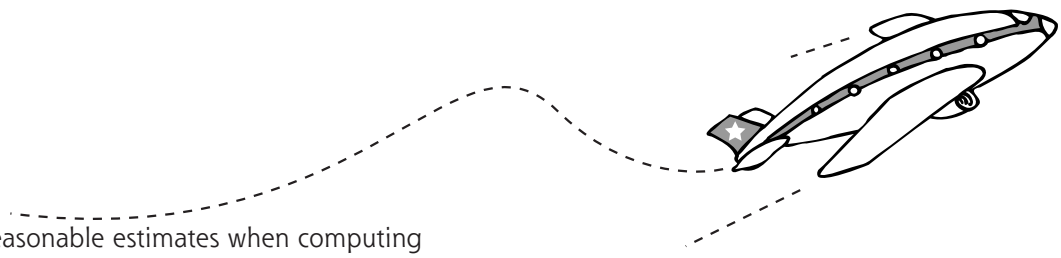
2,000
3,000
4,000

5. 7,126
+ 1,985

7,000
8,000
9,000

6. 9,060
– 5,732

1,000
2,000
3,000



Make reasonable estimates when computing

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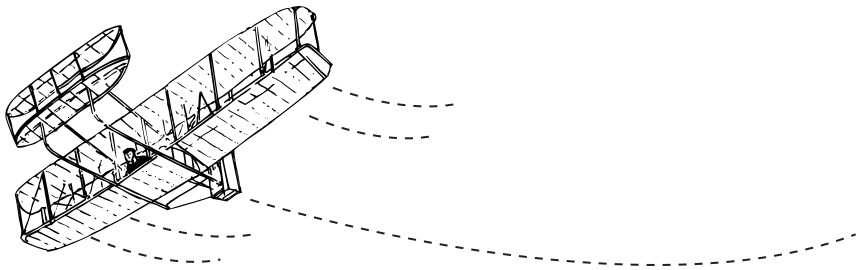
Man Takes Flight!

Name _____



The Wright brothers made four flights in their new flying machine. The shortest flight was 120 feet (37 meters) long. The longest flight was 852 feet (260 meters) long.

Make the best estimate for each problem. Show your work.

1. How much farther, in feet, was the longest flight than the shortest flight?

The difference was about _____ feet.

---

2. How much farther, in meters, was the longest flight than the shortest flight?

The difference was about _____ meters.

---

3. The Wright brothers' first successful flight was in 1903. Estimate how many years ago that flight took place.

The flight took place about _____ years ago.

Make reasonable estimates when computing

Name _____

Math Test

Fill in the circle next to the correct answer.

1. Round 58 to the nearest ten.
Ⓐ 50 Ⓑ 60 Ⓒ 80 Ⓓ 100

2. Round 347 to the nearest ten.
Ⓐ 300
Ⓑ 350
Ⓒ 400
Ⓓ none of the above

3. Round 5,863 to the nearest hundred.
Ⓐ 5,000
Ⓑ 5,950
Ⓒ 5,900
Ⓓ none of the above

4. Round 1,346 to the nearest thousand.
Ⓐ 1,000
Ⓑ 1,300
Ⓒ 1,500
Ⓓ 2,000

5. Find the best estimate.
28 + 11 = _____
Ⓐ 10
Ⓑ 30
Ⓒ 40
Ⓓ none of the above

6. Find the best estimate.
79 −41 = _____
Ⓐ 30 Ⓒ 60
Ⓑ 40 Ⓓ none of the above

7. Find the best estimate.
3,978 −1 ,231 = _____
Ⓐ 2,000
Ⓑ 4,000
Ⓒ 3,000
Ⓓ 5,000

8. Find the best estimate.
6,208 + 2,643 = _____
Ⓐ 2,000
Ⓑ 3,000
Ⓒ 8,000
Ⓓ 9,000

9. Find the best estimate.
Snake A is 47 feet long.
Snake B is 166 feet long.
How much longer is Snake B than Snake A?
Ⓐ about 80 feet
Ⓑ about 170 feet
Ⓒ about 150 feet
Ⓓ about 250 feet

10. Find the best estimate.
Ann has 228 marbles.
Pete has 295 marbles.
How many do they have in all?
Ⓐ about 100 marbles
Ⓑ about 600 marbles
Ⓒ about 300 marbles
Ⓓ about 500 marbles

Make reasonable estimates when computing

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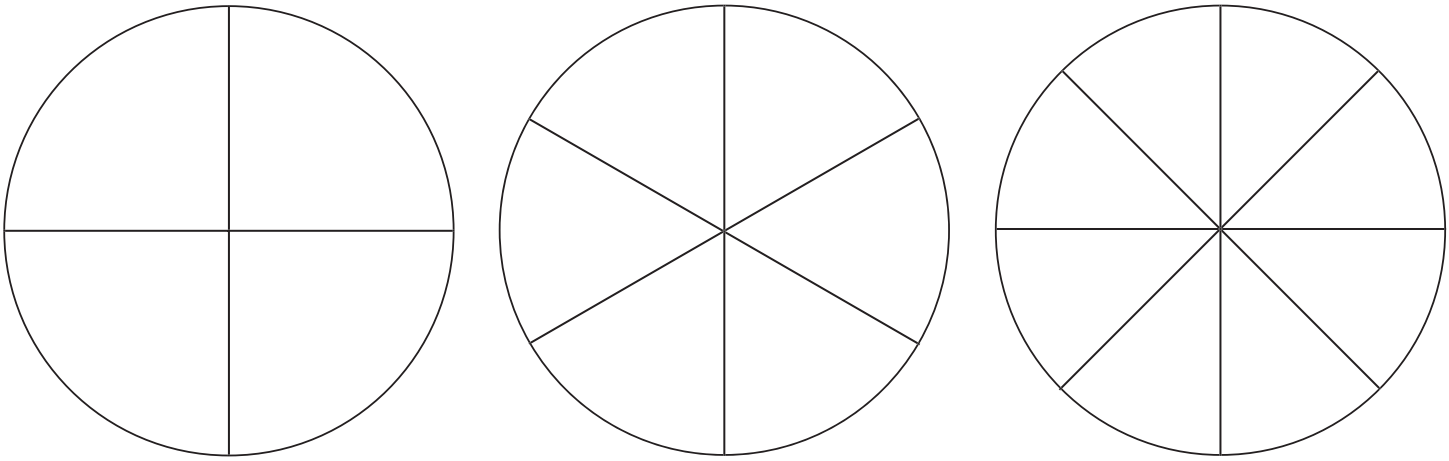
Pizza Party

Name _____

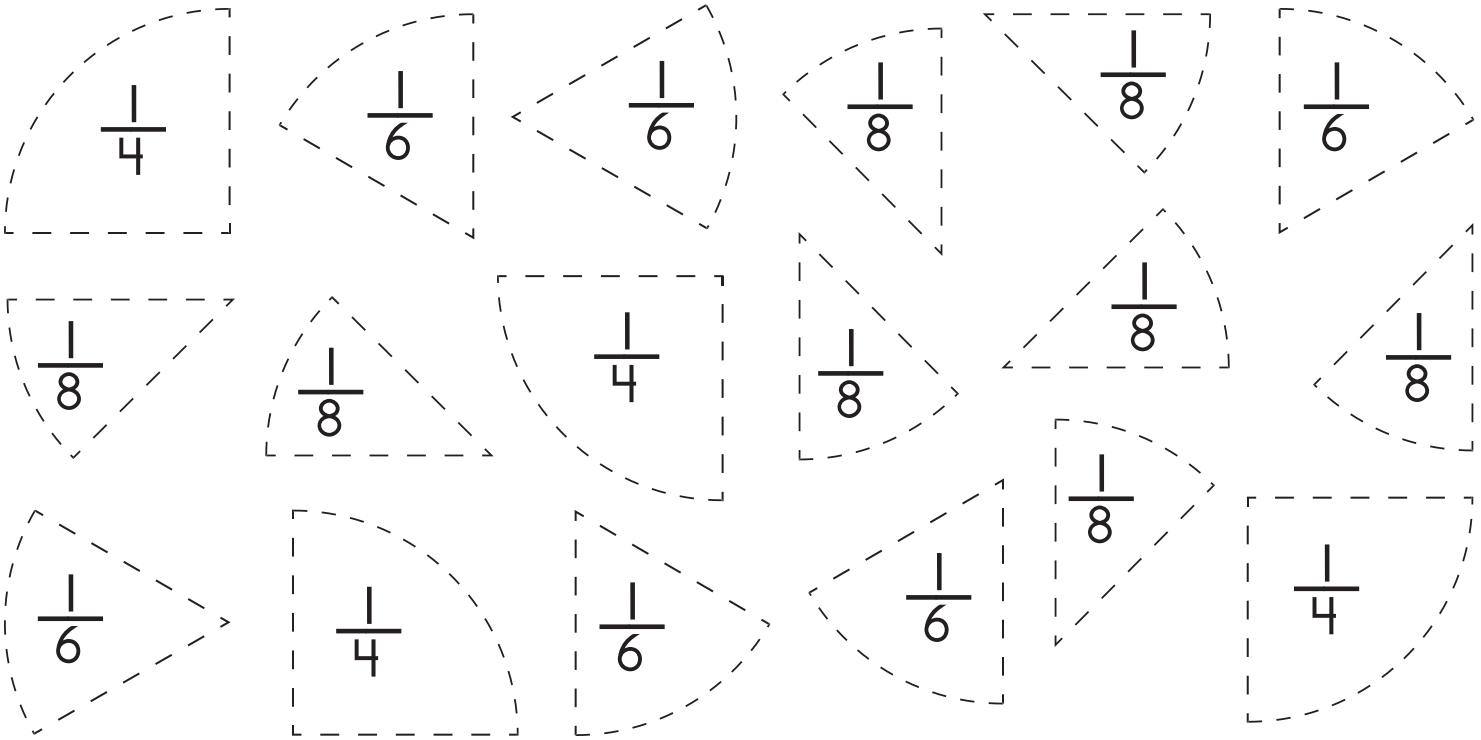
Make three whole pizzas using the slices at the bottom of the page. Each pizza can be made using only one size of slice.



1. How many fourths are in a whole pizza? _____ fourths

2. How sixths are in a whole pizza? _____ sixths

3. How many eighths are in a whole pizza? _____ eighths

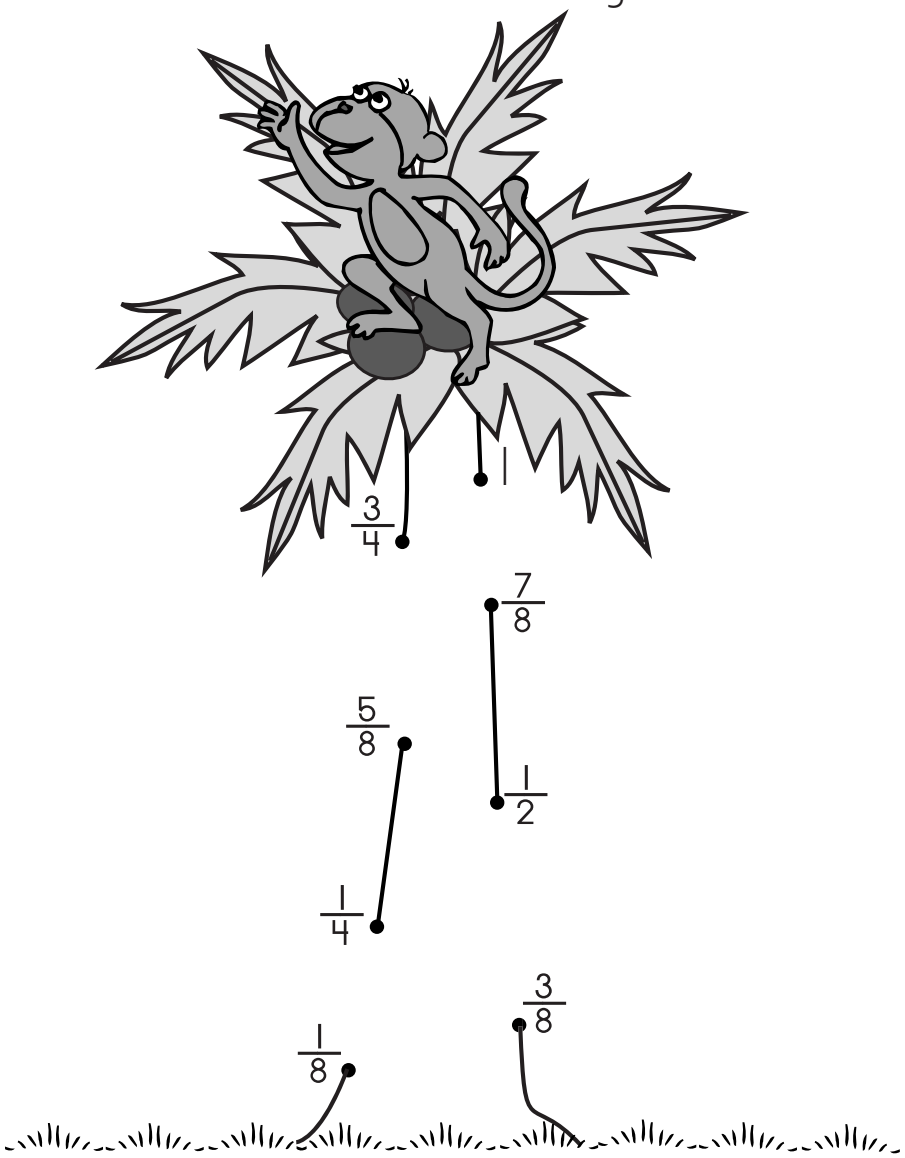


Identify and compare parts of a whole object and write equivalent fractions

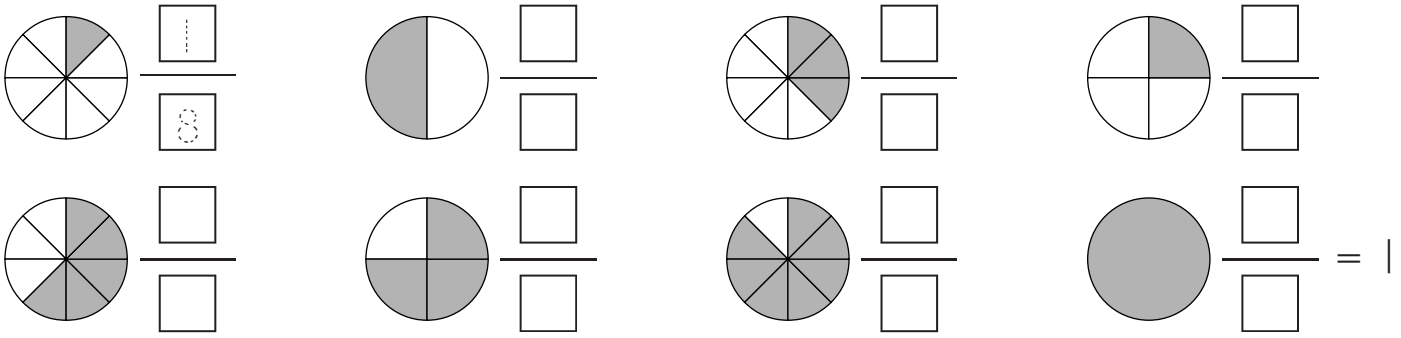
Monkey in a Coconut Tree

Name _____

Look at the fractions at the bottom of the page to help you complete the dot-to-dot. Connect the dots from the smallest fraction to the largest.



How much is shaded?



Identify and compare parts of a whole object and write equivalent fractions

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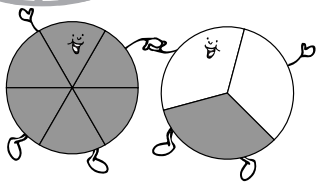
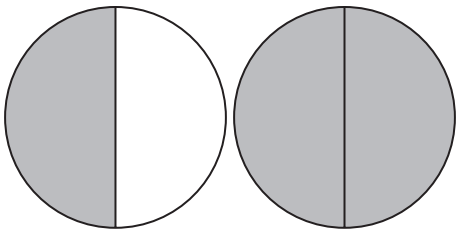
Fraction Fun



Name _____

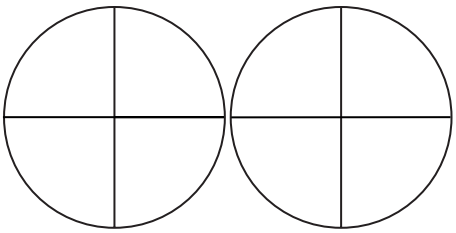
Shade in the fraction of each shape. Then circle the fraction that is larger.

1.



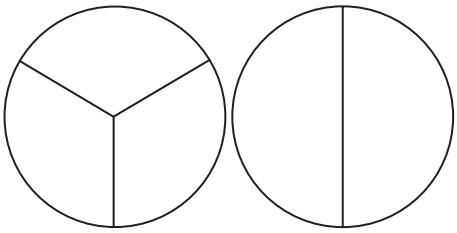
$\frac{1}{2}$ $\frac{2}{2}$

2.



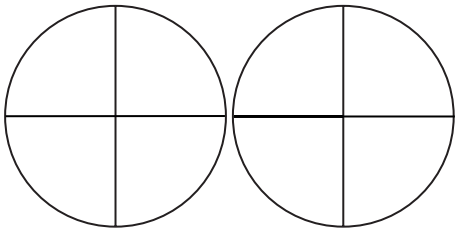
$\frac{3}{4}$ $\frac{2}{4}$

3.



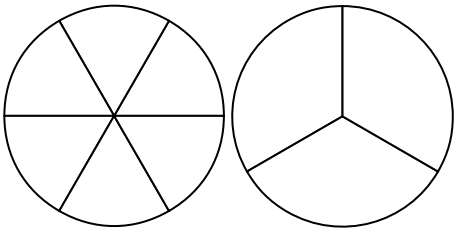
$\frac{1}{3}$ $\frac{1}{2}$

4.



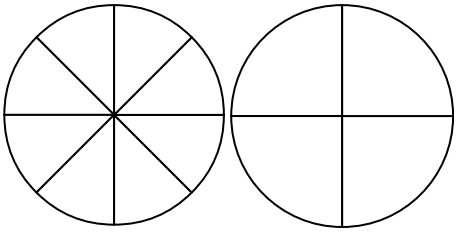
$\frac{1}{4}$ $\frac{3}{4}$

5.



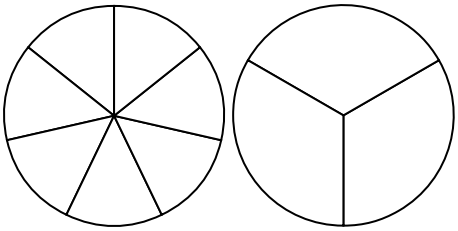
$\frac{3}{6}$ $\frac{1}{3}$

6.



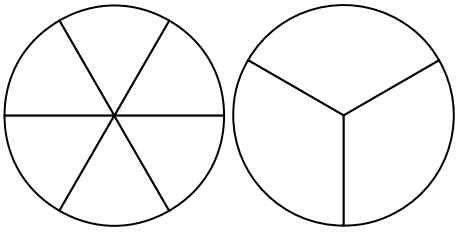
$\frac{5}{8}$ $\frac{3}{4}$

7.



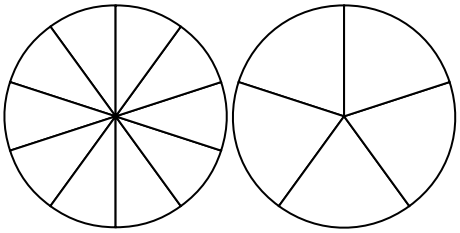
$\frac{3}{7}$ $\frac{1}{3}$

8.



$\frac{3}{6}$ $\frac{1}{3}$

9.

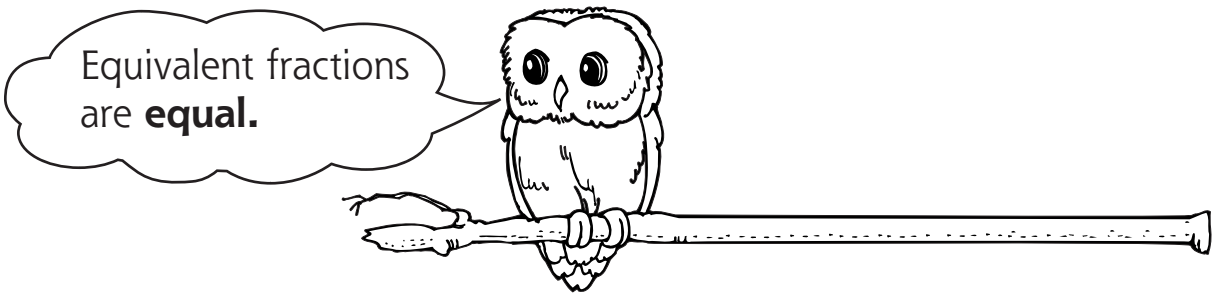


$\frac{6}{10}$ $\frac{4}{5}$

Identify and compare parts of a whole object and write equivalent fractions

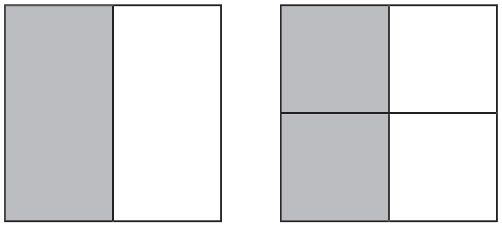
Equivalent Fractions

Name _____



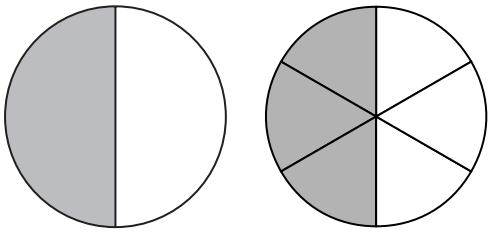
Write the missing numbers to name the fractions that equal the same amount.

1.



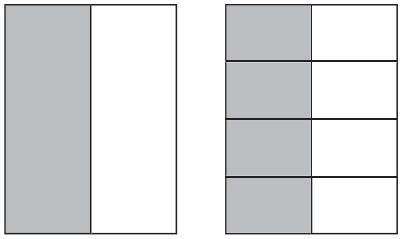
$\frac{1}{2} = \frac{2}{4}$

2.



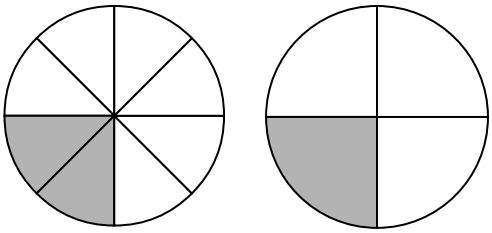
$\frac{\square}{\square} = \frac{\square}{\square}$

3.



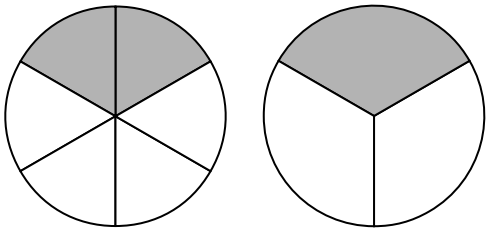
$\frac{\square}{\square} = \frac{\square}{\square}$

4.



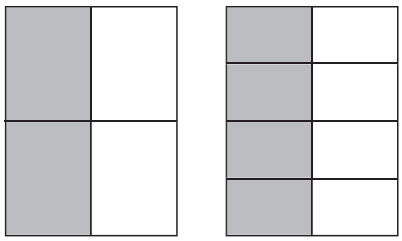
$\frac{\square}{\square} = \frac{\square}{\square}$

5.



$\frac{\square}{\square} = \frac{\square}{\square}$

6.



$\frac{\square}{\square} = \frac{\square}{\square}$

Identify and compare parts of a whole object and write equivalent fractions

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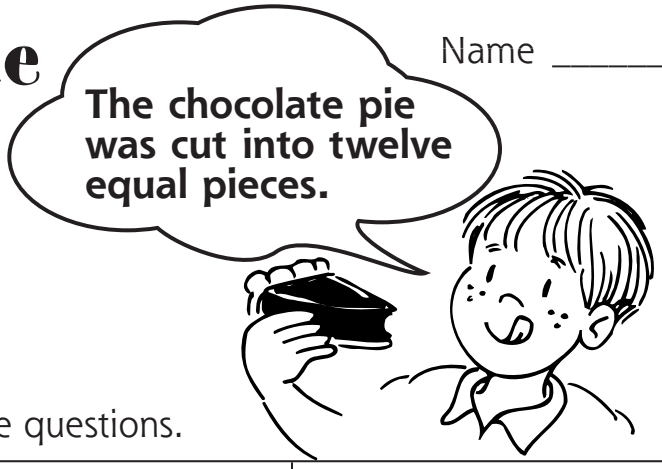
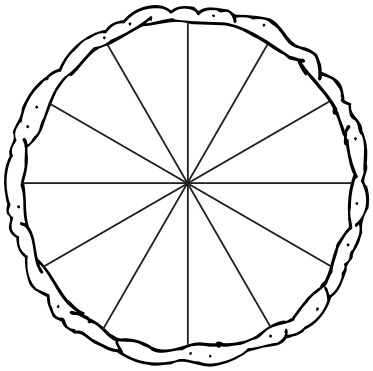
Chocolate Pie

Name _____



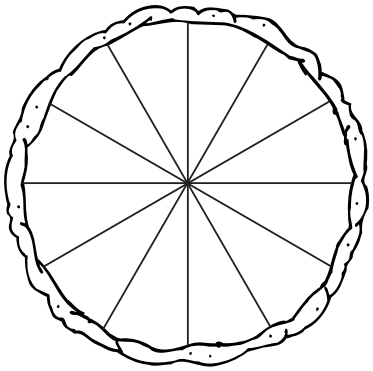
Look at the pie. Answer the questions.

1. Arturo ate $\frac{1}{3}$ of the chocolate pie. How many pieces did he eat?



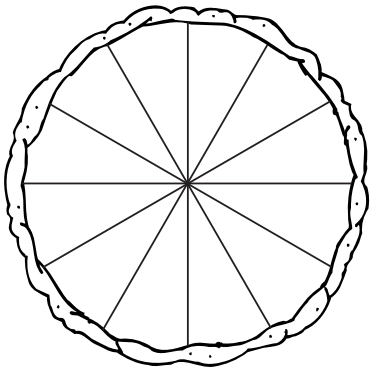
_____ pieces

2. Then Megan ate $\frac{1}{6}$ of the pie. How many pieces did she eat?



_____ pieces

3. Then Elvin ate $\frac{1}{4}$ of the pie. How many pieces did he eat?



_____ pieces

4. How many pieces of the pie are left?

_____ pieces

What fraction of the pie is left?

$\frac{\square}{\square}$

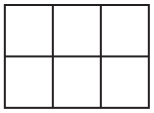
Identify and compare parts of a whole object and write equivalent fractions

Name _____

Math Test

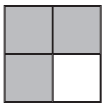
Fill in the circle next to the correct answer.

1. How many equal parts are there?



Ⓐ 1 Ⓑ 3 Ⓒ 6 Ⓓ 8

2. How many shaded parts are there?



Ⓐ 2 Ⓑ 3 Ⓒ 4 Ⓓ 6

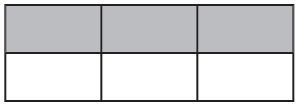
3. Find the fraction.

Ⓐ $\frac{1}{3}$ Ⓑ $\frac{2}{3}$ Ⓒ $\frac{2}{4}$ Ⓓ $\frac{1}{8}$

4. Find the fraction.

Ⓐ $\frac{2}{5}$ Ⓑ $\frac{1}{8}$ Ⓒ $\frac{3}{8}$ Ⓓ $\frac{1}{2}$

5. Find the fraction.



Ⓐ $\frac{3}{4}$ Ⓑ $\frac{3}{8}$ Ⓒ $\frac{3}{5}$ Ⓓ $\frac{3}{6}$

6. Which fraction is larger than $\frac{1}{3}$?

Ⓐ $\frac{1}{2}$

Ⓑ $\frac{1}{4}$

Ⓒ $\frac{1}{8}$

Ⓓ none of the above

7. Which fraction is less than $\frac{1}{4}$?

Ⓐ $\frac{1}{2}$

Ⓑ $\frac{1}{3}$

Ⓒ $\frac{1}{8}$

Ⓓ none of the above

8. Which fraction is equal to $\frac{1}{2}$?

Ⓐ $\frac{2}{3}$

Ⓑ $\frac{2}{4}$

Ⓒ $\frac{1}{5}$

Ⓓ none of the above

9. Which fraction is equal to $\frac{1}{4}$?

Ⓐ $\frac{1}{2}$

Ⓑ $\frac{1}{3}$

Ⓒ $\frac{2}{5}$

Ⓓ none of the above

10. Millie had a chocolate bar. She gave $\frac{1}{4}$ of the candy bar to her sister. How much did she have left?

Ⓐ $\frac{1}{4}$

Ⓑ $\frac{1}{2}$

Ⓒ $\frac{2}{4}$

Ⓓ $\frac{3}{4}$

Identify and compare parts of a whole object and write equivalent fractions

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Pet Fish

Name _____

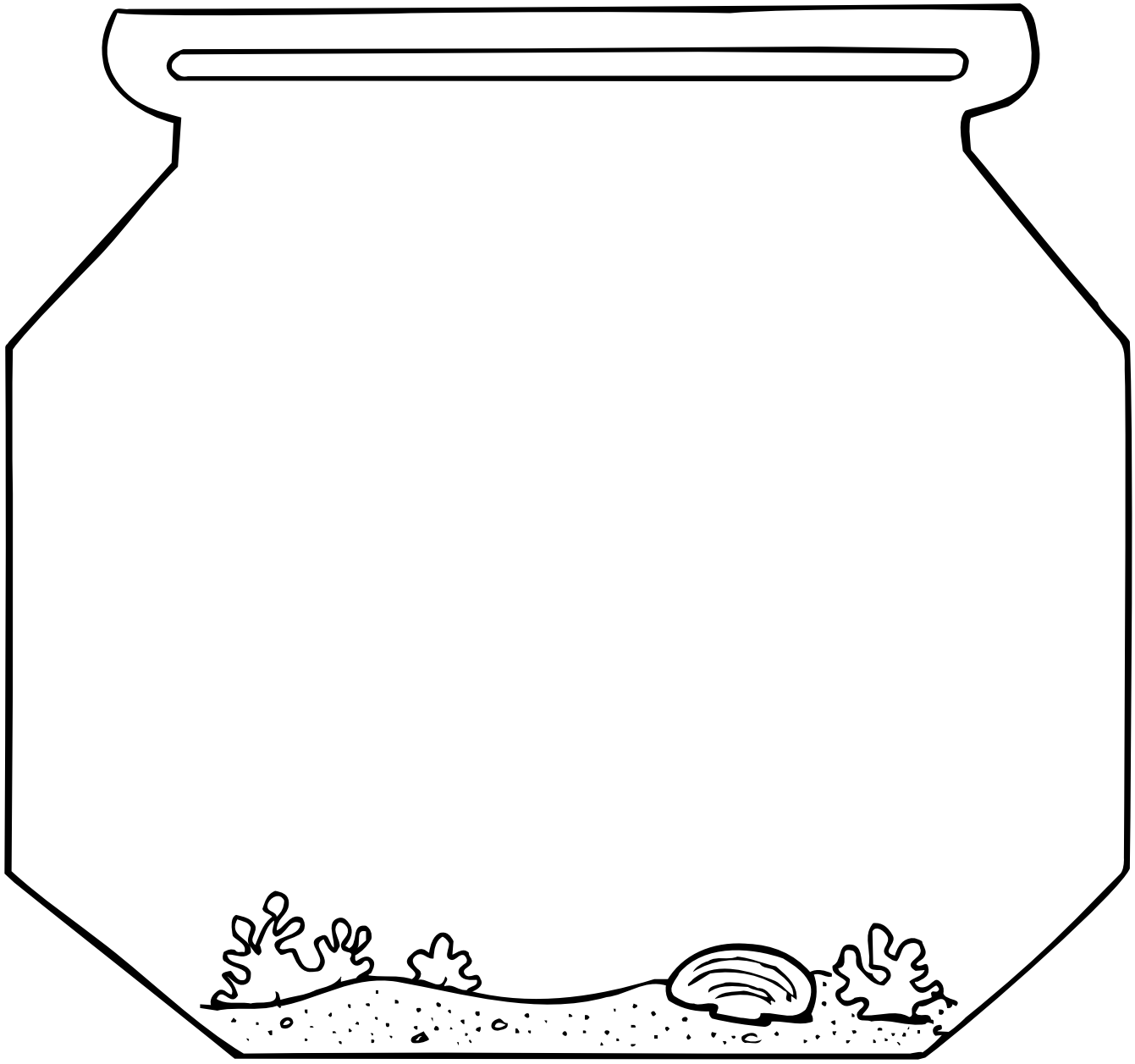
Draw 12 fish in the bowl. Use the key to color them.

Key

$\frac{1}{2}$ red with black dots

$\frac{1}{3}$ yellow with green stripes

$\frac{1}{6}$ purple with orange fins



Identify and compare parts of a set of objects and write equivalent fractions

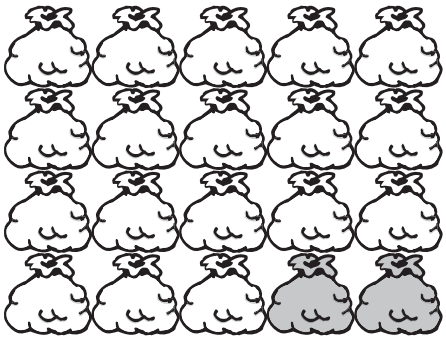
Buried Treasure

Name _____

While looking for ancient dinosaur bones in Peru, Professor Wilson discovered an old chest containing 20 bags of gold coins.

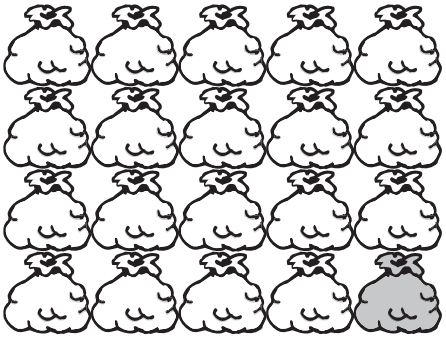
The shaded part shows how much gold went to each person or place listed below. Write the fraction for each amount.

1. Professor Wilson



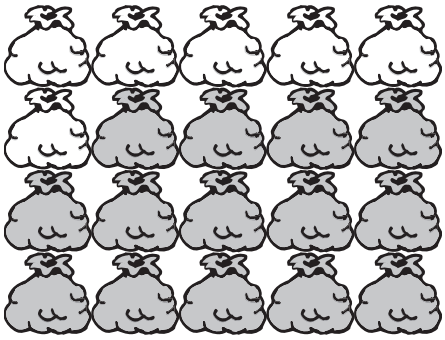
$\frac{\square}{\square}$

2. Professor Wilson's crew



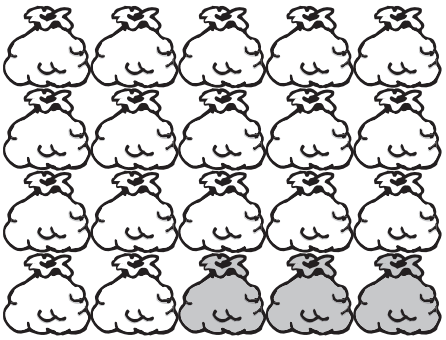
$\frac{\square}{\square}$

3. Government of Peru



$\frac{\square}{\square}$

4. Professor Wilson's University



$\frac{\square}{\square}$

Identify and compare parts of a set of objects and write equivalent fractions

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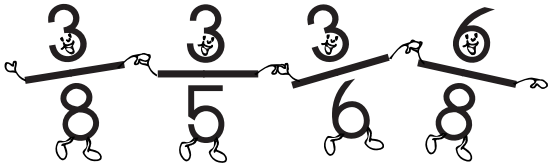
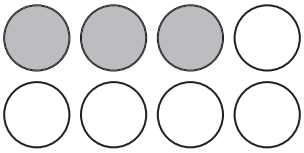
Name the Fraction

Name _____



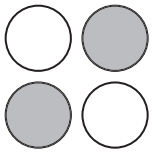
Write a fraction for each shaded part.

1.



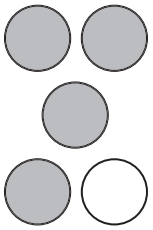
$\frac{3}{8}$

2.



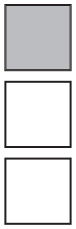
$\frac{\square}{\square}$

3.



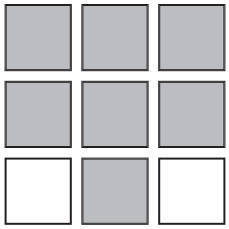
$\frac{\square}{\square}$

4.



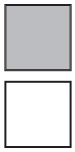
$\frac{\square}{\square}$

5.



$\frac{\square}{\square}$

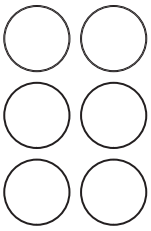
6.



$\frac{\square}{\square}$

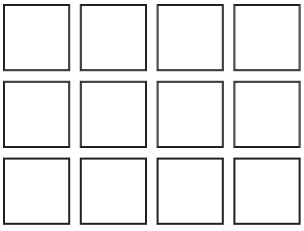
Shade in parts to show the fraction.

7.



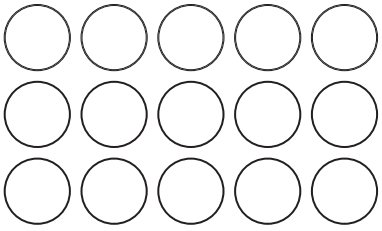
$\frac{2}{6}$

8.



$\frac{8}{12}$

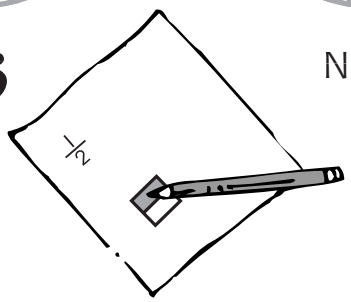
9.



$\frac{5}{15}$

Identify and compare parts of a set of objects and write equivalent fractions

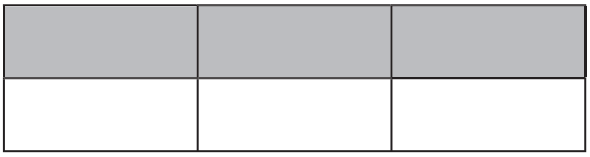
Write Fractions Two Ways



Name _____

Draw a model if you need help.

1. $\frac{1}{2} = \frac{3}{6}$



2. $\frac{1}{4} = \frac{\square}{8}$

3. $\frac{1}{2} = \frac{\square}{4}$

4. $\frac{2}{4} = \frac{\square}{8}$

5. $\frac{3}{6} = \frac{\square}{12}$

6. $\frac{2}{3} = \frac{\square}{6}$

7. $\frac{4}{5} = \frac{\square}{10}$

8. $\frac{1}{3} = \frac{\square}{9}$

Identify and compare parts of a set of objects and write equivalent fractions

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How Many?

Name _____

Draw a picture to show your answer.

1. Ken had 10 jelly beans. He gave $\frac{1}{2}$ of them to his friend Ben. How many jelly beans did he give Ben?

$\frac{1}{2}$ of 10 = _____

2. Kim checked out 5 books from the library. She gave $\frac{2}{5}$ of the books to her sister. How many books were for her sister?

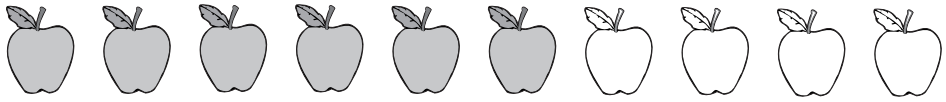
$\frac{2}{5}$ of 5 = _____

3. Mother made 12 cookies. She sent $\frac{2}{3}$ of the cookies to Grandma. How many cookies did she send Grandma?

$\frac{2}{3}$ of 12 = _____

4. Pete found 8 marbles. He gave $\frac{1}{4}$ of the marbles to his sister. How many marbles did he give her?

$\frac{1}{4}$ of 8 = _____

5. 

Write a question about this fraction. Then show your answer.

_____

_____

_____

_____

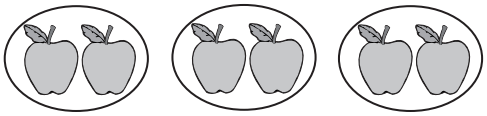
Identify and compare parts of a set of objects and write equivalent fractions

Name _____

Math Test

Fill in the circle next to the correct answer.

1. How is this set of apples divided?



Ⓐ in half
Ⓑ in fourths
Ⓒ in sixths
Ⓓ in thirds

2. Find the number for $\frac{2}{3}$ of the stars.

Ⓐ 2 Ⓑ 6 Ⓒ 4 Ⓓ 3

3. Find the number for $\frac{1}{5}$ of the fish.

Ⓐ 2 Ⓑ 3 Ⓒ 5 Ⓓ 8

4. Find the number for $\frac{3}{4}$ of the hearts.

Ⓐ 2 Ⓑ 4 Ⓒ 6 Ⓓ 8

5. Find the fraction that names the black dots.

Ⓐ $\frac{2}{3}$ Ⓑ $\frac{1}{3}$ Ⓒ $\frac{1}{2}$ Ⓓ $\frac{2}{4}$

6. Find the fraction that names the shaded circles.

Ⓐ $\frac{1}{9}$ Ⓑ $\frac{1}{3}$ Ⓒ $\frac{2}{3}$ Ⓓ $\frac{2}{9}$

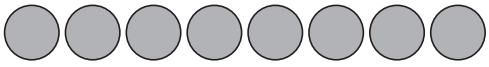
7. Find the fraction that names the shaded stars.

Ⓐ $\frac{1}{8}$ Ⓑ $\frac{1}{10}$ Ⓒ $\frac{8}{10}$ Ⓓ $\frac{2}{9}$

8. Find the set that has $\frac{1}{4}$ shaded.

Ⓐ

Ⓑ

Ⓒ 

Ⓓ

9. Ben had 10 cookies. His dog ate half of them. How many cookies did the dog eat?

Ⓐ 2 Ⓑ 3 Ⓒ 4 Ⓓ 5

10. There were 12 bananas. A monkey ate $\frac{1}{4}$ of them. How many bananas did the monkey eat?

Ⓐ 2 Ⓑ 3 Ⓒ 4 Ⓓ 6

Identify and compare parts of a set of objects and write equivalent fractions

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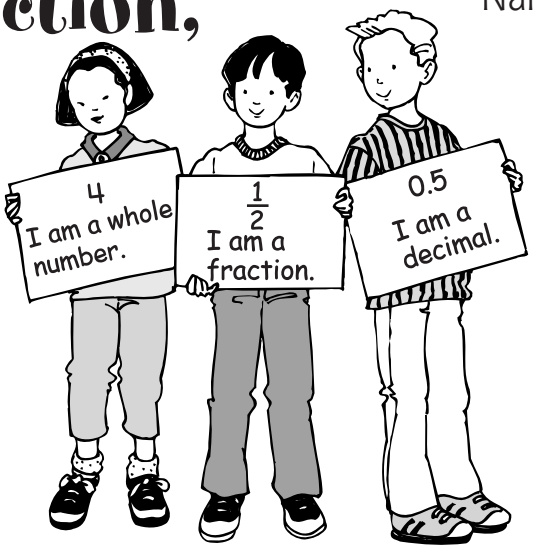
Whole, Fraction, Decimal

Name _____



Match.

4	whole number	7
$\frac{2}{8}$		1.6
9	fraction	$\frac{4}{8}$
0.5	decimal	5
$\frac{5}{10}$		$\frac{2}{10}$
0.3		0.2
$\frac{6}{12}$		$\frac{4}{12}$
0.9		1.25

Show an understanding of the relationship between whole numbers, fractions, and decimals

Great-grandmother's Quilt

Name _____

Color the spaces to complete the quilt.

Key

decimals—red
whole numbers—blue
fractions—yellow

6	0.6	$\frac{1}{2}$	$\frac{1}{5}$	0.3	5
$\frac{4}{12}$ 1.8	11	20 $\frac{1}{4}$	16 $\frac{1}{6}$	13	$\frac{4}{8}$ 1.4
1 $\frac{6}{8}$	1.2	$\frac{2}{3}$ 26	19 $\frac{3}{4}$	0.9	7 $\frac{5}{10}$
0.2	14	$\frac{2}{4}$	$\frac{3}{5}$	20	0.7
$\frac{2}{12}$ 10	0.1	14 $\frac{5}{6}$	30 $\frac{8}{10}$	1.3	$\frac{1}{8}$ 9
3.5 $\frac{4}{6}$	8	$\frac{6}{12}$ 29	4 $\frac{4}{8}$	12	2.6 $\frac{2}{5}$
2	0.4	$\frac{1}{10}$	$\frac{3}{6}$	1.9	3

Show an understanding of the relationship between whole numbers, fractions, and decimals

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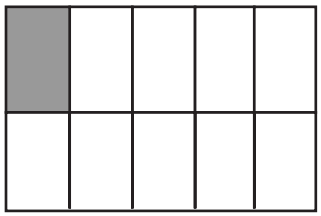
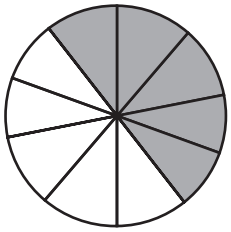
Parts of 10

Name _____

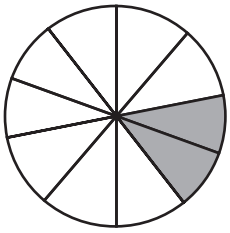
Each shape below has 10 parts. Each part is $\frac{1}{10}$.
The decimal **0.1** is another way to write this.
Write the fraction and the decimal for the shaded part of each shape.

1. 

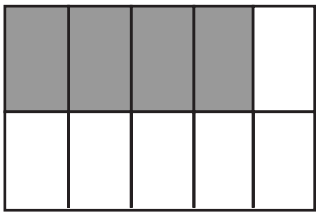
$\frac{1}{10}$ 0.1

2. 

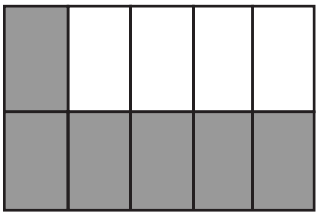
$\frac{\square}{\square}$ _____

3. 

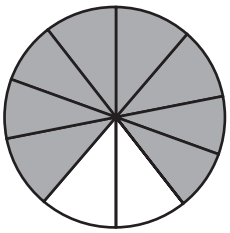
$\frac{\square}{\square}$ _____

4. 

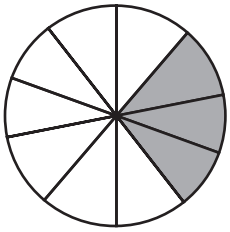
$\frac{\square}{\square}$ _____

5. 

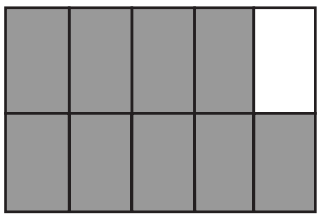
$\frac{\square}{\square}$ _____

6. 

$\frac{\square}{\square}$ _____

7. 

$\frac{\square}{\square}$ _____

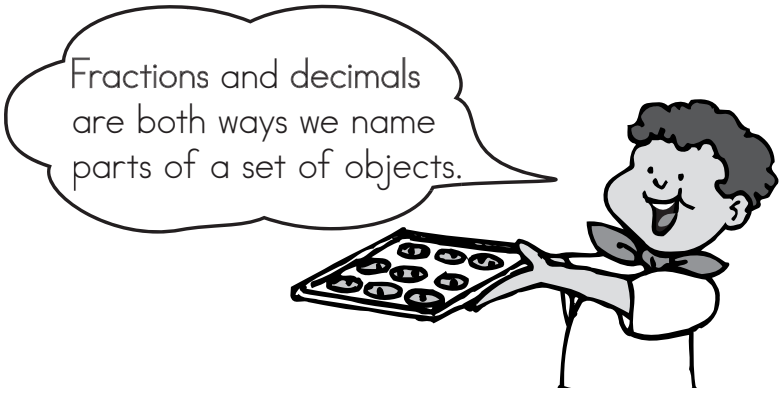
8. 

$\frac{\square}{\square}$ _____

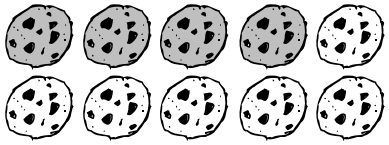
Show an understanding of the relationship between whole numbers, fractions, and decimals

Name It!

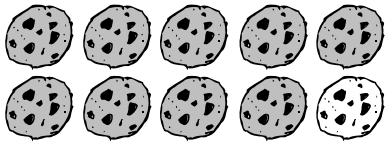
Name _____

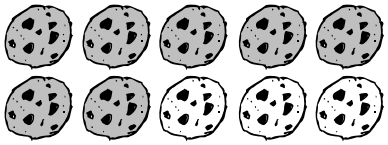


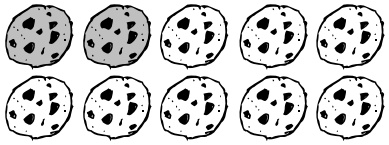
Write the fraction and the decimal name for each of these.

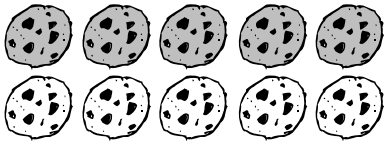
1.  $\frac{\square}{\square}$ ____

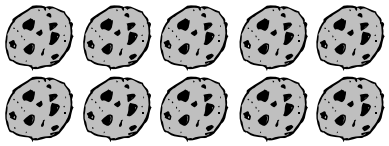
2. $\frac{\square}{\square}$ ____

3.  $\frac{\square}{\square}$ ____

4.  $\frac{\square}{\square}$ ____

5.  $\frac{\square}{\square}$ ____

6.  $\frac{\square}{\square}$ ____

7.  $\frac{\square}{\square}$ = ____ = one whole

Show an understanding of the relationship between whole numbers, fractions, and decimals

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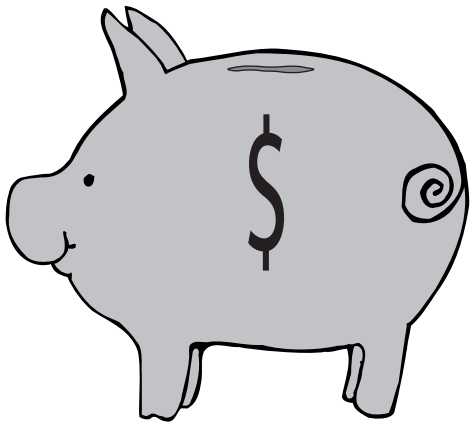
What Does It Mean?

Name _____

A dollar has the same value as 100 cents.
You can show how much money you have in whole numbers, in fractions, or with a decimal point.



1 cent = $\frac{1}{100}$ of a dollar or $0.01

10 cents = $\frac{10}{100}$ of a dollar or $0.10

100 cents = 1 whole dollar or $1.00

Fill in the missing numbers on the chart.

whole number	fraction	decimal
4 cents	$\frac{4}{100}$	$0.04
12 cents		
25 cents		
100 cents		
7 cents		
83 cents		
30 cents		
2 cents		
99 cents		

Show an understanding of the relationship between whole numbers, fractions, and decimals

Name _____

Math Test

Fill in the circle next to the correct answer.

1. Find the whole number.
- Ⓐ $\frac{3}{4}$
- Ⓑ 0.8
- Ⓒ 5
- Ⓓ 1.2

2. Find the decimal.
- Ⓐ 9
- Ⓑ 0.9
- Ⓒ $\frac{3}{10}$
- Ⓓ 12

3. $\frac{2}{100}$ is a _____.
- Ⓐ decimal
- Ⓑ whole number
- Ⓒ fraction
- Ⓓ none of the above

4. 1.7 is a _____.
- Ⓐ decimal
- Ⓑ whole number
- Ⓒ fraction
- Ⓓ none of the above

5. Find the decimal that equals $\frac{6}{10}$.
- Ⓐ 6.0
- Ⓑ 6
- Ⓒ 0.06
- Ⓓ 0.6

6. The decimal 0.8 equals which fraction?
- Ⓐ $\frac{8}{100}$
- Ⓑ $\frac{8}{10}$
- Ⓒ 8
- Ⓓ none of the above

7. Find the decimal that shows 100 cents.
- Ⓐ $10.00
- Ⓑ $10.0
- Ⓒ $1.00
- Ⓓ $1.000

8. Find the numbers that are NOT equal.
- Ⓐ $\frac{5}{10} = 0.5$
- Ⓑ $\frac{8}{100} = 0.08$
- Ⓒ $\frac{6}{10} = 0.06$
- Ⓓ $\frac{9}{10} = 0.9$

9. Sam had 10 fish. He gave 0.5 of the fish to his sister. How many fish did he have left?

Ⓐ 2 Ⓑ 3 Ⓒ 4 Ⓓ 5

10. Sasha has 10 pennies. If she spends $\frac{8}{10}$ of the pennies, how many will she have left?

Ⓐ 2 Ⓑ 4 Ⓒ 6 Ⓓ 8

Show an understanding of the relationship between whole numbers, fractions, and decimals

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Parts of a Fraction

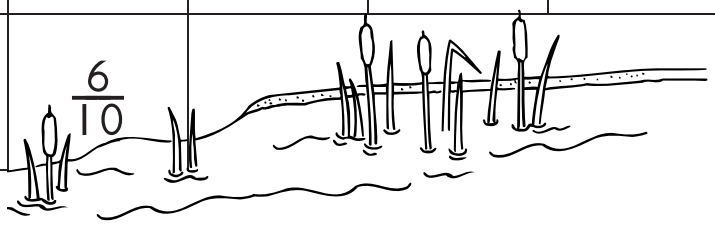
Name _____

A fraction has two parts: $\frac{3}{4}$ $\frac{\text{numerator}}{\text{denominator}}$

The **numerator** shows how many parts of the whole are being counted.
The **denominator** shows how many parts the whole is divided into.

Color the boxes with fractions that have like denominators to lead each frog to the pond.

$\frac{1}{10}$	$\frac{3}{4}$	$\frac{2}{6}$	$\frac{5}{8}$	$\frac{2}{4}$	$\frac{1}{12}$	$\frac{2}{3}$	$\frac{1}{6}$
$\frac{4}{10}$	$\frac{6}{10}$	$\frac{2}{5}$	$\frac{2}{8}$	$\frac{3}{6}$	$\frac{4}{12}$	$\frac{6}{12}$	$\frac{3}{12}$
$\frac{1}{4}$	$\frac{2}{10}$	$\frac{7}{10}$	$\frac{6}{8}$	$\frac{4}{8}$	$\frac{3}{15}$	$\frac{4}{9}$	$\frac{8}{12}$
$\frac{3}{5}$	$\frac{2}{6}$	$\frac{3}{10}$	$\frac{5}{10}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{9}{12}$	$\frac{7}{12}$
$\frac{2}{7}$	$\frac{1}{3}$	$\frac{5}{6}$	$\frac{8}{10}$	$\frac{1}{7}$	$\frac{7}{8}$	$\frac{5}{12}$	$\frac{6}{9}$
$\frac{5}{7}$	$\frac{10}{20}$	$\frac{4}{5}$	$\frac{9}{10}$	$\frac{6}{10}$			

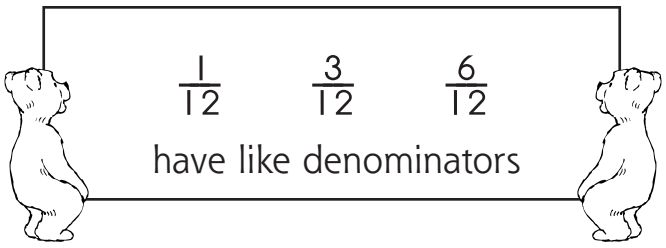


Add and subtract simple fractions

Like Denominators

Name _____

When two or more fractions have the same denominator, we say they have **like denominators**.



Draw a line to match the fractions with like denominators.

$\frac{3}{4}$	$\frac{2}{7}$	$\frac{3}{3}$
$\frac{5}{8}$	$\frac{3}{8}$	$\frac{2}{4}$
$\frac{2}{6}$	$\frac{2}{3}$	$\frac{1}{7}$
$\frac{1}{3}$	$\frac{1}{4}$	$\frac{2}{5}$
$\frac{9}{10}$	$\frac{3}{10}$	$\frac{1}{9}$
$\frac{3}{5}$	$\frac{4}{5}$	$\frac{3}{6}$
$\frac{4}{9}$	$\frac{5}{6}$	$\frac{6}{8}$
$\frac{6}{7}$	$\frac{2}{9}$	$\frac{5}{10}$

Add and subtract simple fractions

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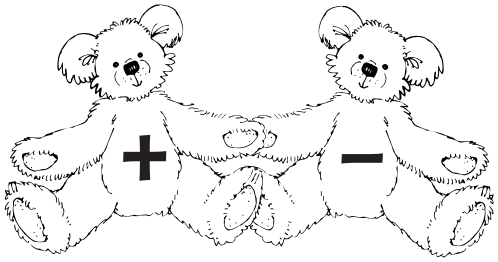
Add and Subtract Fractions

Name _____



To add or subtract fractions, the fractions must have like denominators.

$\frac{1}{3} + \frac{1}{3} = \frac{1+1}{3} = \frac{2}{3}$	$\frac{7}{8} - \frac{5}{8} = \frac{7-5}{8} = \frac{2}{8}$

1. $\frac{3}{8} + \frac{2}{8} =$

2. $\frac{4}{8} + \frac{1}{8} =$

3. $\frac{9}{12} - \frac{3}{12} =$

4. $\frac{6}{10} + \frac{2}{10} =$

5. $\frac{4}{5} - \frac{2}{5} =$

6. $\frac{7}{10} - \frac{5}{10} =$

Add or subtract the numerator. Keep the denominator.

7.

$$\begin{array}{r} \frac{6}{8} \\ -\ \frac{2}{8} \\ \hline \frac{4}{8} \end{array}$$

$$\begin{array}{r} \frac{2}{5} \\ +\ \frac{1}{5} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{4}{6} \\ +\ \frac{1}{6} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{6}{12} \\ +\ \frac{5}{12} \\ \hline \end{array}$$

8.

$$\begin{array}{r} \frac{1}{2} \\ +\ \frac{1}{2} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{1}{4} \\ +\ \frac{2}{4} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{9}{15} \\ -\ \frac{6}{15} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{11}{12} \\ -\ \frac{10}{12} \\ \hline \end{array}$$

Add and subtract simple fractions

How Much Is It?

Name _____

Add or subtract fractions first. Then add or subtract whole numbers to find the answer.

$3\frac{1}{3}$ add the fractions $\frac{1}{3} + \frac{1}{3} = \frac{2}{3}$
$+ 2\frac{1}{3}$ then add the whole numbers $3 + 2 = 5$
$5\frac{2}{3}$

1.

$5\frac{6}{8}$	$3\frac{2}{5}$	$5\frac{4}{6}$	$2\frac{1}{3}$	$9\frac{2}{4}$	$2\frac{3}{8}$
$- 2\frac{2}{8}$	$+ 4\frac{1}{5}$	$- 3\frac{1}{6}$	$+ 2\frac{1}{3}$	$- 6\frac{1}{4}$	$+ 7\frac{2}{8}$

2.

$9\frac{6}{8}$	$4\frac{6}{10}$	$8\frac{4}{8}$	$2\frac{2}{4}$	$9\frac{2}{3}$	$4\frac{3}{5}$
$- 3\frac{1}{8}$	$- 1\frac{2}{10}$	$+ 3\frac{1}{8}$	$+ 6\frac{1}{4}$	$- 6\frac{1}{3}$	$+ 3\frac{1}{5}$

3.

$10\frac{4}{5}$	$2\frac{8}{12}$	$1\frac{7}{10}$	$3\frac{6}{12}$	$7\frac{9}{15}$	$1\frac{7}{14}$
$- 2\frac{2}{5}$	$+ 5\frac{3}{12}$	$+ 3\frac{2}{10}$	$+ 7\frac{5}{12}$	$- 2\frac{6}{15}$	$+ 4\frac{3}{14}$

Add and subtract simple fractions

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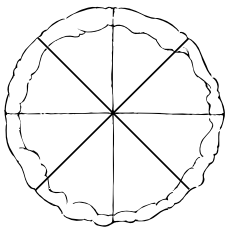
Two-Step Problems

Name _____

Solve the problems. Show your work.

1. Mom baked a pie. She cut it into 8 equal pieces. Dad took $\frac{1}{8}$ of the pie in his lunch box. Then the family ate $\frac{4}{8}$ of the pie for dinner. What fraction of the pie was left?

$\frac{\square}{\square}$

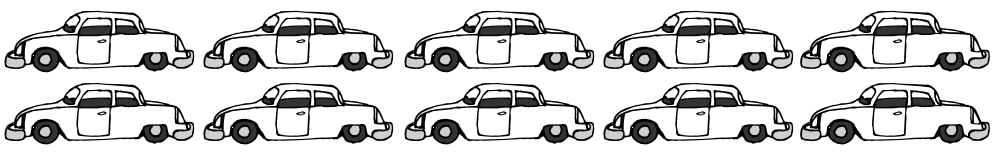


2. Kai had $1.00 in dimes. He spent $\frac{3}{10}$ of his dimes on gum. Then he spent $\frac{5}{10}$ on a new pencil. What fraction of his dimes were left?

$\frac{\square}{\square}$

3. Jamal had 10 model cars. He gave $\frac{1}{5}$ of the cars to his friend and $\frac{2}{5}$ of the cars to his brother. What fraction of his cars did he have left?

$\frac{\square}{\square}$



Add and subtract simple fractions

Name _____

Math Test

Fill in the circle next to the correct answer.

1. Name the numerator in $\frac{3}{6}$.
- Ⓐ 1
- Ⓑ 3
- Ⓒ 6
- Ⓓ none of the above

2. Name the denominator in $\frac{2}{8}$.
- Ⓐ 2
- Ⓑ 4
- Ⓒ 8
- Ⓓ none of the above

3. Find the like denominator in these fractions:

$\frac{3}{6}$ $\frac{1}{6}$ $\frac{5}{6}$

Ⓐ 1 Ⓑ 3 Ⓒ 5 Ⓓ 6

4. $\frac{4}{8} + \frac{3}{8} =$ _____
- Ⓐ $\frac{1}{8}$
- Ⓑ $\frac{7}{8}$
- Ⓒ $\frac{7}{16}$
- Ⓓ none of the above

5. $\frac{6}{10} - \frac{3}{10} =$ _____

Ⓐ $\frac{1}{10}$ Ⓑ $\frac{3}{10}$ Ⓒ $\frac{8}{10}$ Ⓓ $\frac{9}{10}$

6. Which number sentence is correct?
- Ⓐ $\frac{2}{4} + \frac{1}{4} = \frac{3}{8}$
- Ⓑ $\frac{2}{3} + \frac{1}{3} = \frac{3}{6}$
- Ⓒ $\frac{6}{8} - \frac{4}{8} = \frac{2}{8}$
- Ⓓ $\frac{5}{6} - \frac{2}{6} = \frac{2}{6}$

7. Which number sentence is NOT correct?
- Ⓐ $\frac{5}{10} + \frac{4}{10} = \frac{9}{10}$
- Ⓑ $\frac{6}{12} - \frac{2}{12} = \frac{8}{12}$
- Ⓒ $\frac{4}{5} - \frac{1}{5} = \frac{3}{5}$
- Ⓓ $\frac{2}{8} + \frac{4}{8} = \frac{6}{8}$

8. How should this problem be solved?

$\frac{4}{12} + \frac{6}{12} =$
- Ⓐ add the numerators, keep the denominator
- Ⓑ add the denominators, keep the numerator
- Ⓒ subtract the numerators, keep the denominator
- Ⓓ subtract the denominators, keep the numerator

9. How should this problem be solved?

$\frac{9}{10} - \frac{6}{10} =$
- Ⓐ add the numerators, keep the denominator
- Ⓑ add the denominators, keep the numerator
- Ⓒ subtract the numerators, keep the denominator
- Ⓓ subtract the denominators, keep the numerator

10. There was $\frac{6}{8}$ of a pizza in the refrigerator. Ralph ate $\frac{2}{8}$. How much pizza was left?

Ⓐ $\frac{2}{8}$ Ⓒ $\frac{6}{8}$
Ⓑ $\frac{4}{8}$ Ⓓ none of the above

Add and subtract simple fractions

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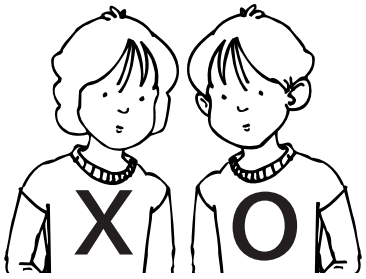
Tic-Tac-Toe

Name _____

Make an **X** in the box if the sum is **more than** $1.00.
Make an **O** in the box if the sum is **less than** $1.00.

Who won—**X** or **O**?



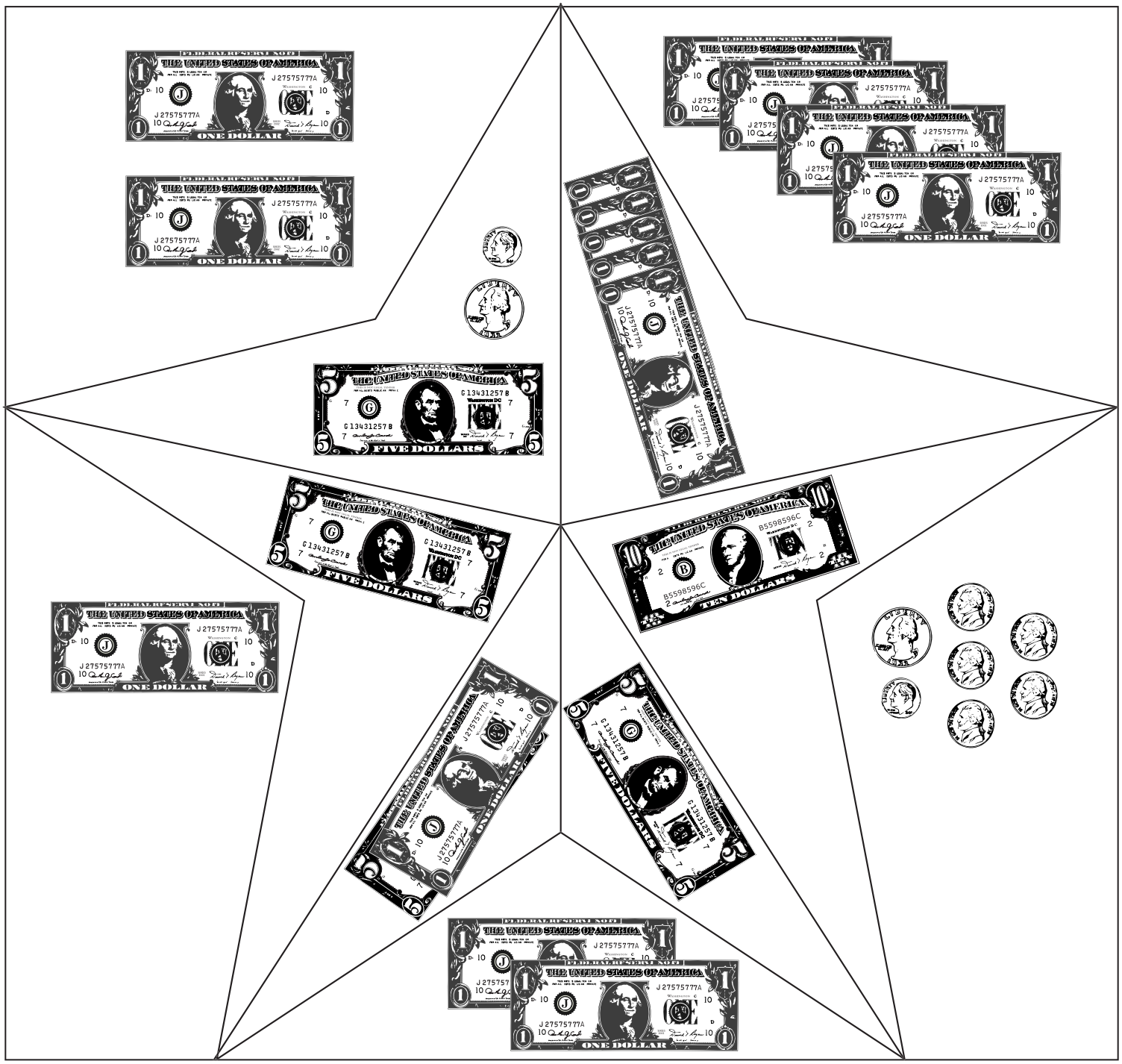
Find the value of coins and bills and write equivalent or greater amounts

A Colorful Star

Name _____

Color the spaces.

Key		
less than $5.00	$5.00	more than $5.00
yellow	**red**	**black**



Find the value of coins and bills and write equivalent or greater amounts

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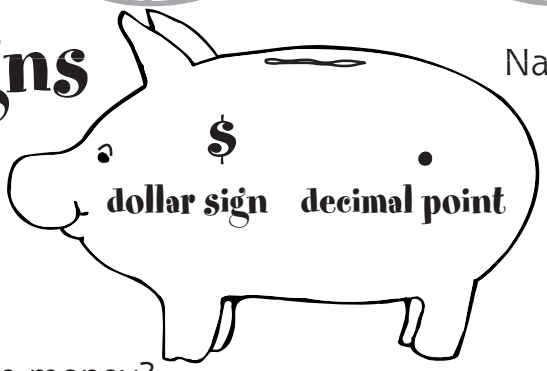
Money Signs



Name _____

What is the value of the money?

1. 193¢ = $1.93

310¢ = $_____

467¢ = $_____

2. 986¢ = $_____

275¢ = $_____

1047¢ = $_____

3.

$_____

4.

$_____

5.

$_____

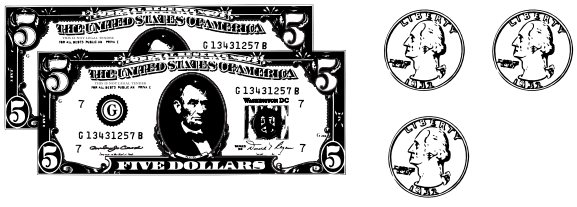
6.

$_____

7.

$_____

8.



$_____

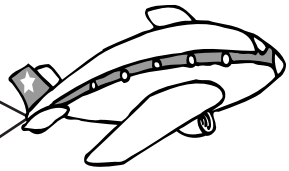
Find the value of coins and bills and write equivalent or greater amounts

Greater, Less Than, or Equal?

Name _____

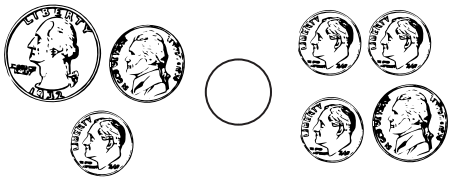
Use these symbols to compare the value of sums of money.

> **greater than** **<** **less than** **=** **equal to**



1.

2.



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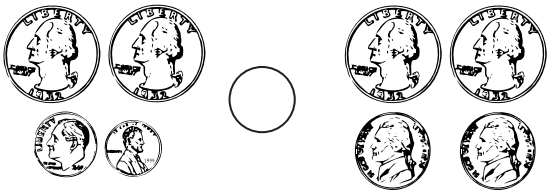

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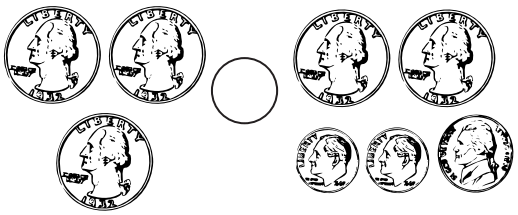

5. 3 nickels ◯ 2 dimes

5 nickels ◯ 3 quarters

6. 1 quarter ◯ 5 nickels

3 dimes ◯ 3 quarters

7. 15 pennies ◯ 5 nickels

9 dimes ◯ 4 quarters

8. 1 dollar ◯ 10 dimes

2 quarters ◯ 6 nickels

Find the value of coins and bills and write equivalent or greater amounts

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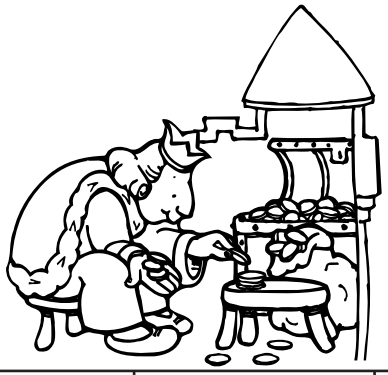
How Many Ways Can You Make $1.00?

Name _____

Use this money table to help you figure out nine of the combinations of coins that can be put together to make exactly $1.00.



Penny	Nickel	Dime	Quarter	Half-dollar	$
100					=$1.00
	5		3		=$1.00

Find the value of coins and bills and write equivalent or greater amounts

Name _____

Math Test

Fill in the circle next to the correct answer.

1. How many cents are in one dollar?
- Ⓐ 10
- Ⓑ 50
- Ⓒ 100
- Ⓓ 1,000

2. How do you count quarters?
- Ⓐ count by 5s
- Ⓑ count by 2s
- Ⓒ count by 25s
- Ⓓ count by 10s

3. What is the value of three half-dollars?
Ⓐ $0.75 Ⓑ $0.30 Ⓒ $1.00 Ⓓ $1.50

4. Which coin has a value greater than 25¢?
- Ⓐ penny
- Ⓑ half-dollar
- Ⓒ dime
- Ⓓ nickel

5. Which coins have a value less than 50¢?
- Ⓐ 2 quarters
- Ⓑ 7 dimes
- Ⓒ 6 nickels
- Ⓓ 3 quarters

6. Which coins have a value greater than $1.00?
- Ⓐ 7 nickels
- Ⓑ 5 dimes
- Ⓒ 1 half-dollar
- Ⓓ 5 quarters

7. Which one could you buy if you had 3 dollars and 3 quarters?
- Ⓐ a shirt for $6.75
- Ⓑ a purse for $3.75
- Ⓒ a hat for $3.99
- Ⓓ a belt for $3.82

8. Which one could you buy if you had 5 dollars, 6 dimes, and 8 nickels?
- Ⓐ a book for $6.75
- Ⓑ a kite for $6.10
- Ⓒ a hat for $5.99
- Ⓓ a belt for $7.82

9. A ball costs $3.85. You pay with a five-dollar bill. How much change should you get?
- Ⓐ $1.05
- Ⓑ $1.15
- Ⓒ $2.25
- Ⓓ $3.55

10. A book costs $6.39. You pay with a ten-dollar bill. How much change should you get?
- Ⓐ $2.61
- Ⓑ $3.49
- Ⓒ $3.61
- Ⓓ $4.01

Find the value of coins and bills and write equivalent or greater amounts

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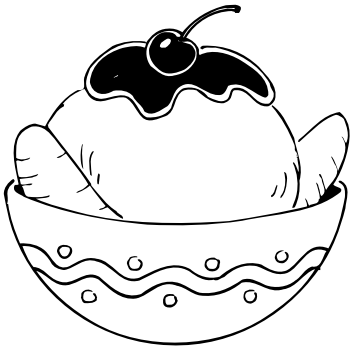
Banana Splits

Name _____

Draw each banana split. Find the cost.

Key

ice cream ..... 60¢ per scoop	whipping cream ..... 24¢
banana..... 20¢ per slice	walnuts ..... 18¢
chocolate sauce ..... 15¢	cherry ..... 10¢ each



1. 1 scoop ice cream .60

chocolate sauce .15

2 slices banana .40

1 cherry + .10

cost $1.25

2. 1 scoop ice cream _____

1 slice banana _____

whipping cream _____

walnuts + _____

cost $_____

3. 3 scoops ice cream _____

2 banana slices _____

chocolate sauce _____

whipping cream _____

3 cherries + _____

cost $_____

Add, subtract, multiply, divide, and solve problems using money amounts in decimal notation

Alex and Anna

Name _____

Alex and Anna recycled a bag of soda cans.

1. Alex got 3 s and 2 s for his cans.

While collecting cans, he found 4 s.

Alex has $_____.

2. Anna got 4 s for her cans.

She bought an ice-cream cone for $1.25 and a glass of milk for $0.50.

Anna has $_____ left.

3. Who has the most money? _____

How much more? $_____

Show your work.

Add, subtract, multiply, divide, and solve problems using money amounts in decimal notation

Calculating with Money

Name _____

Add, subtract, multiply, and divide using a dollar sign and a decimal.

1.

\$6.13	\$1.82	\$3.23	\$2.22	\$15.49
+ 3.60	+ 4.16	+ 5.79	+ 9.84	+ 11.25

2.

\$6.59	\$8.73	\$5.45	\$9.20	\$26.59
– 3.24	– 5.54	– 2.81	– 4.17	– 13.24

3.

\$1.27	\$3.50	\$6.34	\$4.61	\$11.74
x 2	x 6	x 4	x 5	x 3

4. 4)\$4.80 3)\$6.93 4)\$12.48 5)\$10.55 2)\$14.76

Add, subtract, multiply, divide, and solve problems using money amounts in decimal notation

Shopping for Rowdy

Name _____

1. Carlos bought 3 cans.

$1.00 each

He paid $_____

Change from $5.00? $_____

2. Carlos bought 3 bags.

$1.50 each

He paid $_____

Change from $5.00? $_____

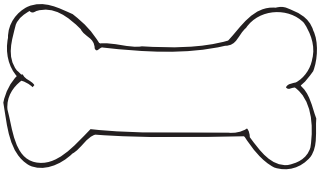
3. Carlos bought 6 balls.

$0.50 each

He paid $_____

Change from $5.00? $_____

4. Carlos bought 4 chews.



$0.98 each

He paid $_____

Change from $5.00? $_____

5. Carlos bought 1 collar.

$8.75 each

He paid $_____

Change from $10.00? $_____

6. Carlos bought 2 dishes.

$8.00 each

He paid $_____

Change from $20.00? $_____

Add, subtract, multiply, divide, and solve problems using money amounts in decimal notation

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Arturo's Budget

Name _____

Arturo earned:

Allowance $5.00

Earned mowing lawns 10.00

Earned baby-sitting.....3.73

Collected aluminum cans 1.63

Sister paid back a loan 2.75

Arturo spent:

School supplies

notebook $1.15

pencil ..... .65

$_____

Bought birthday present

gift..... $4.58

bow ..... .50

paper 1.05

card ..... .40

$_____

Ice cream

3 cones —

90 cents each

$_____

Put in savings account $10.00

1. How much did Arturo earn? $_____

2. How much did Arturo spend in all? $_____

3. How much did he have left? $_____

Add, subtract, multiply, divide, and solve problems using money amounts in decimal notation

Name _____

Math Test

Fill in the circle next to the correct answer.

1. $6.13 + $3.60 = _____
Ⓐ $3.73 Ⓒ $9.73
Ⓑ $6.73 Ⓓ $9.47

2. $5.45 – $2.49 = _____
Ⓐ $2.96 Ⓒ $3.04
Ⓑ $7.89 Ⓓ $7.05

3. $3.50 x 6 = _____
Ⓐ $18.00 Ⓒ $20.00
Ⓑ $21.00 Ⓓ $24.00

4. 4)$4.80
Ⓐ $1.00
Ⓑ $1.20
Ⓒ $2.00
Ⓓ $2.20

5. $6.99 ÷ 3 = _____
Ⓐ $2.66
Ⓑ $3.66
Ⓒ $3.33
Ⓓ $2.33

6. A doughnut costs $0.79. How much will 3 doughnuts cost?
Ⓐ $23.7
Ⓑ $0.237
Ⓒ $2.37
Ⓓ $3.27

7. A marble costs $0.18. How much will 9 marbles cost?
Ⓐ $162.00
Ⓑ $0.162
Ⓒ $1.62
Ⓓ $16.20

8. If four candy bars cost $4.48, how much does one cost?
Ⓐ $1.12
Ⓑ $1.21
Ⓒ $2.24
Ⓓ $2.44

9. A toy car costs $1.85. You pay with two one-dollar bills. How much change should you get?
Ⓐ $0.05
Ⓑ $0.15
Ⓒ $0.25
Ⓓ $1.35

10. A ticket to the game costs $6.25. If you pay with a ten-dollar bill, how much change should you get?
Ⓐ $2.75
Ⓑ $3.50
Ⓒ $3.75
Ⓓ $4.25

Add, subtract, multiply, divide, and solve problems using money amounts in decimal notation

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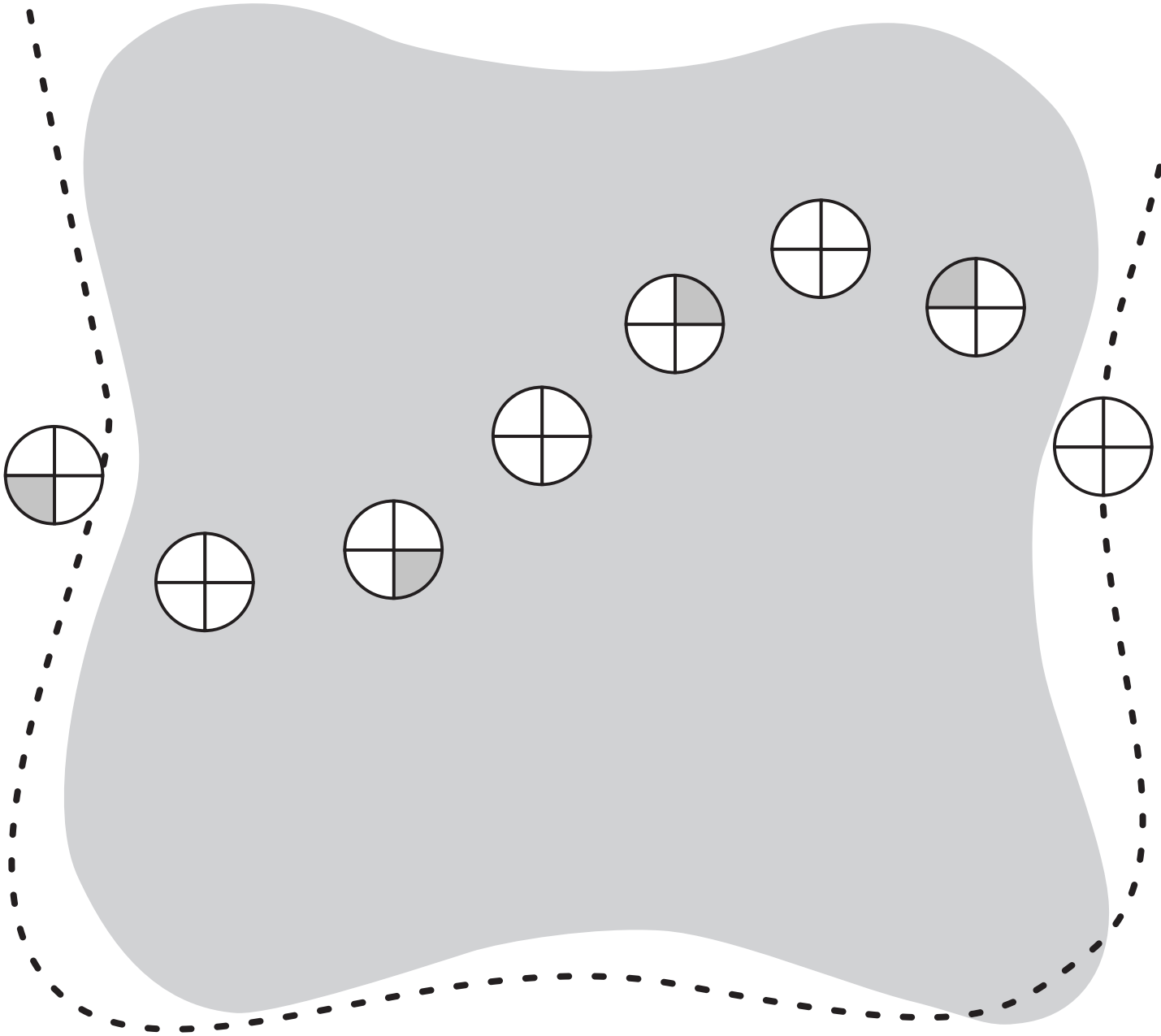
Algebra

- Analyze, describe, and extend linear patterns 144
- Select appropriate operations and relation symbols to make a number sentence true 150
- Recognize and use the commutative and associative properties of addition and multiplication 156
- Solve problems involving a functional relationship between two quantities 162



A Colorful Surprise

Name _____

Color the boxes containing multiples of 3 yellow.
Draw a red **X** on boxes containing multiples of 5.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Describe the pattern you have made.

_____

_____

_____

Analyze, describe, and extend linear patterns

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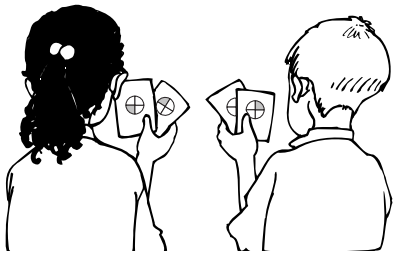
Pattern Review

Name _____

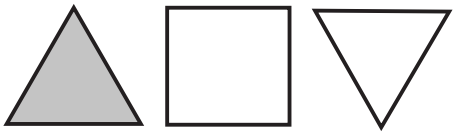


Continue each of these patterns.

1. A B B C _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____

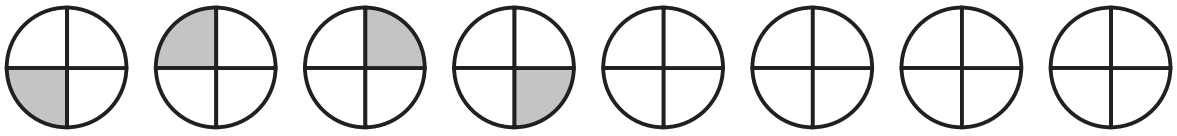
Now write a new pattern using letters.

_____

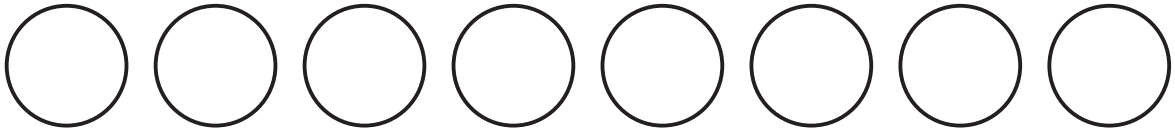
2.  _____ _____ _____ _____ _____ _____

Now draw a new pattern using shapes.

_____

3. 

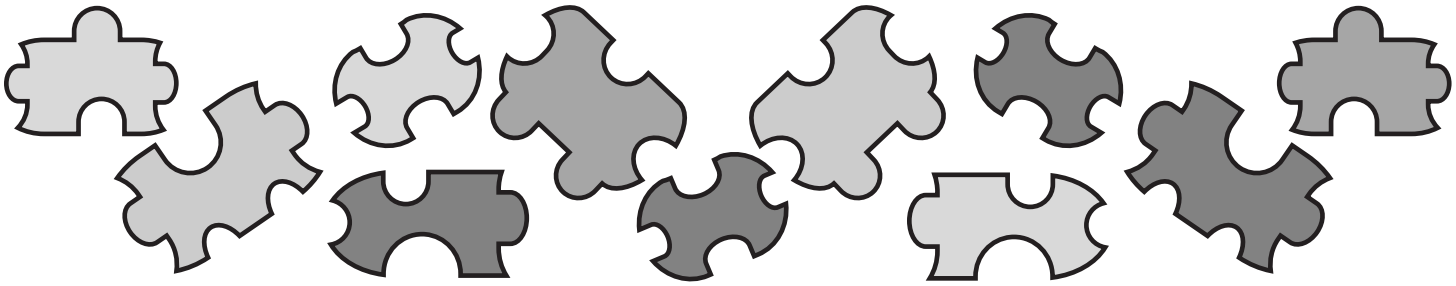
Now color a new pattern using the circles below.



Analyze, describe, and extend linear patterns

Pattern Puzzles

Name _____



Fill in the missing numbers to complete each pattern.

1. 36 38 40 _____ 44 _____ 48 _____ _____ _____

2. 85 90 _____ _____ 105 110 _____ _____ _____

3. 3 6 7 10 11 _____ 15 18 _____ 22 _____

4. 60 70 65 75 _____ 80 75 _____ 80 90 _____

5. 1 2 4 7 11 _____ _____ _____ _____ 46

Think about the pattern, and then answer the question.

6. 1 2 4 8 16 32

What will the number be in four more steps? _____

7. 2 22 3 33 4 44

What will the number be in five more steps? _____

Analyze, describe, and extend linear patterns

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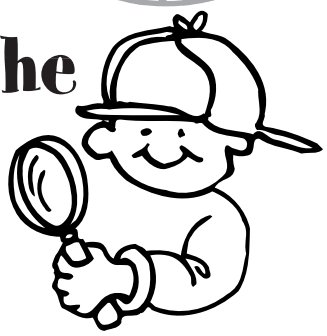
Discover the Pattern



Name _____

Find the pattern, and then continue it.

1. 3 8 7 12 11 ____ ____ ____

+5	−1	+5	−1				

2. 9 18 27 ____ ____ ____ ____

3. 100 150 200 ____ ____ ____ ____

4. 50 55 40 45 ____ ____ ____ ____

5. 1 3 2 4 3 ____ ____ ____ ____

6. 2 4 8 16 ____ ____ ____ ____

Analyze, describe, and extend linear patterns

Patterns in the Classroom

Name _____

Look for at least three patterns around your classroom. Here are a few places you might look:

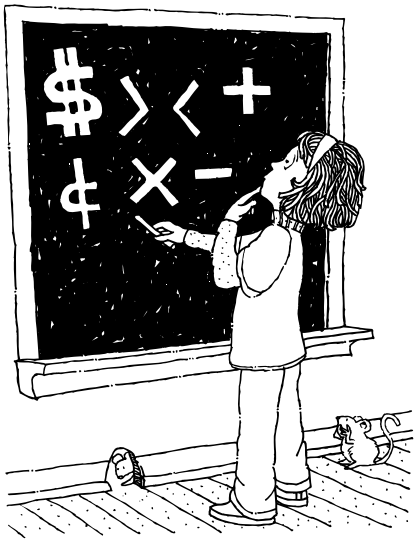
floor or ceiling tiles

windows

classmates' clothing

design on the flag

numbers or letters



1. Draw the pattern.

Describe its rule.

_____

_____

_____

_____

2. Draw the pattern.

Describe its rule.

_____

_____

_____

_____

3. Draw the pattern.

Describe its rule.

_____

_____

_____

_____

Analyze, describe, and extend linear patterns

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Name _____

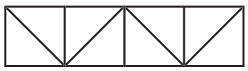
Math Test

Fill in the circle next to the correct answer.

1. What is the next shape in this pattern?

Ⓐ Ⓑ Ⓒ Ⓓ

2. What is the next shape in this pattern?



Ⓐ Ⓑ Ⓒ Ⓓ

3. Which comes next?

ABBCCC

Ⓐ D Ⓑ DD Ⓒ DDD Ⓓ DDDD

4. What letter is missing?

B C A B _____ A B C

Ⓐ A
Ⓑ B
Ⓒ C
Ⓓ none of the above

5. What comes next?

Ⓐ

Ⓑ

Ⓒ

Ⓓ none of the above

6. What number comes next?

2, 4, 3, 6, 5

Ⓐ 5
Ⓑ 7
Ⓒ 10
Ⓓ none of the above

7. What number is missing?

3, 6, _____, 12, 15

Ⓐ 7 Ⓑ 8 Ⓒ 9 Ⓓ 10

8. What number is missing?

4, 8, 9, 13, 14, _____

Ⓐ 15
Ⓑ 16
Ⓒ 17
Ⓓ 18

9. What is the rule?

5, 10, 20, 40

Ⓐ count by tens
Ⓑ double each number
Ⓒ add 20
Ⓓ none of the above

10. What is the rule?

6, 8, 9, 11, 12, 14, 15

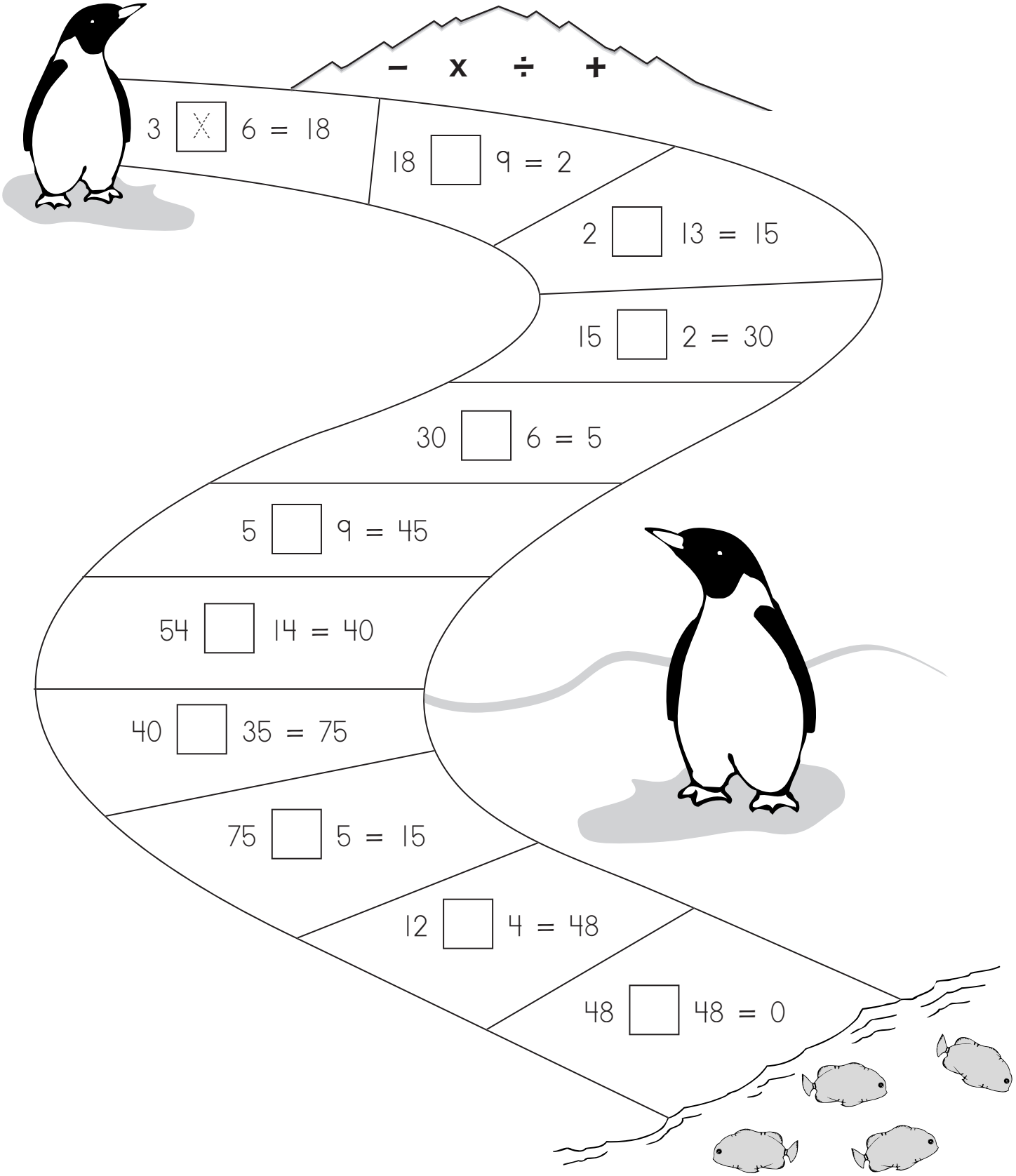
Ⓐ +2, –1
Ⓑ +2, +1
Ⓒ –2, +1
Ⓓ –2, –2

Analyze, describe, and extend linear patterns

Hungry Penguin

Name _____

Write the correct operation in each box to complete the trail.



Select appropriate operations and relation symbols to make a number sentence true

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Which Is More?

Name _____

Work with a partner to make these comparisons.

Use **<** or **>** to make each sentence true.

Remember: **>** means **greater than**

< means **less than**

1. The number of inches in a foot is _____ the number of cards in a deck.

2. The number of days in a week is _____ the number of days in a month.

3. The number of keys on a piano is _____ the number of strings on a guitar.

4. The number of days in November is _____ the number of days in February.

5. The number of months in a year is _____ the number of days in a year.

6. The number of pennies in a dollar is _____ the number of nickels in a quarter.

Write two new comparison sentences.

1. _____

_____

2. _____

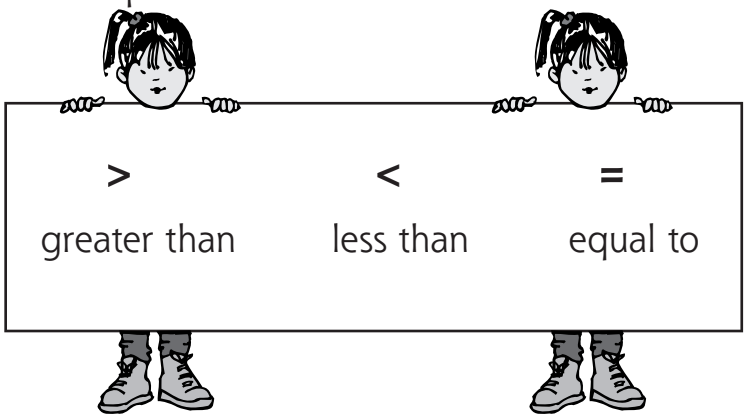
_____

Select appropriate operations and relation symbols to make a number sentence true

Comparing Numbers

Name _____

Write the correct sign to compare the numbers.



1. 14 (<) 27 — 5 + 3 (<) 6 + 5

2. 81 ◯ 66 — 2 x 2 ◯ 1 x 4

3. 25 ◯ 19 — 9 – 6 ◯ 8 – 2

4. 66 ◯ 81 — 6 x 3 ◯ 2 x 7

5. 94 ◯ 103 — 16 – 8 ◯ 5 + 3

6. 197 ◯ 197 — 11 – 9 ◯ 12 – 4

7. 316 ◯ 435 — 5 x 5 ◯ 7 x 3

8. 652 ◯ 228 — 4 + 8 ◯ 6 x 2

Select appropriate operations and relation symbols to make a number sentence true

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What's My Sign?

Name _____

Fill in the missing signs.

Use + −

1. 67 ☐ 46 = 21 | 73 ☐ 14 = 87 | 58 ☐ 25 = 33

2. 26 ☐ 28 = 54 | 95 ☐ 58 = 37 | 40 ☐ 38 = 78

Use x ÷

3. 5 ☐ 8 = 40 | 21 ☐ 7 = 3 | 9 ☐ 6 = 54

4. 3 ☐ 6 = 18 | 72 ☐ 9 = 8 | 64 ☐ 8 = 8

Use + − x ÷

5. 33 ☐ 66 = 99 | 10 ☐ 10 = 100 | 87 ☐ 39 = 48

6. 7 ☐ 5 = 35 | 6 ☐ 9 = 15 | 45 ☐ 9 = 5

7. 43 ☐ 57 = 100 | 12 ☐ 3 = 4 | 62 ☐ 48 = 14

8. 6 ☐ 6 = 36 | 9 ☐ 3 = 3 | 44 ☐ 27 = 71

Select appropriate operations and relation symbols to make a number sentence true

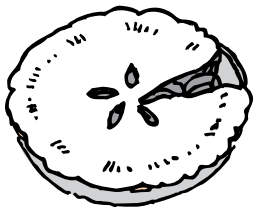
Name the Operation

Name _____

+ − x ÷ + − x ÷ + − x ÷

Find the answer. Then circle the sign to show the operation you used.
You may need to use more than one operation to find an answer.

1. The parents of children in Room 12 baked 25 each of lemon, apple, and cherry pies for the school's bake sale. How many pies did they bake for the sale?



_____ pies

Which operation(s) did you use?

+ − x ÷

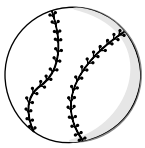
2. Mercury is 58 million kilometers from the Sun. Earth is 155 million kilometers from the Sun. How much farther away from the Sun is Earth than Mercury?

_____ million km

Which operation(s) did you use?

+ − x ÷

3. There are 59 boys and 49 girls in the baseball league this year. If there are 9 teams with an equal number of players, how many players are on each team?

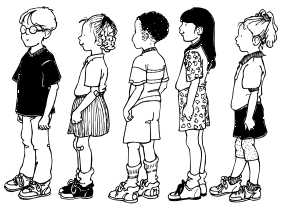


_____ players

Which operation(s) did you use?

+ − x ÷

4. The nature museum is open 7 days a week. Every day 105 people come to see the displays. How many people come to the museum in one week?



_____ people

Which operation(s) did you use?

+ − x ÷

Select appropriate operations and relation symbols to make a number sentence true

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Name _____

Math Test

Fill in the circle next to the correct answer.

1. 56 ◯ 42

Ⓐ <
Ⓑ >
Ⓒ =
Ⓓ none of the above

2. 15 ◯ 51

Ⓐ <
Ⓑ >
Ⓒ =
Ⓓ none of the above

3. 3 + 6 ◯ 3 x 6

Ⓐ <
Ⓑ >
Ⓒ =
Ⓓ +

4. 20 + 10 ◯ 36 – 16

Ⓐ <
Ⓑ >
Ⓒ =
Ⓓ +

5. 27 ☐ 9 = 3

Ⓐ +
Ⓑ –
Ⓒ x
Ⓓ ÷

6. 8 ☐ 4 = 32

Ⓐ +
Ⓑ –
Ⓒ x
Ⓓ ÷

7. 25 ☐ 15 = 10

Ⓐ +
Ⓑ –
Ⓒ x
Ⓓ ÷

8. 16 ☐ 16 = 32

Ⓐ +
Ⓑ –
Ⓒ x
Ⓓ ÷

9. The number of eggs in one dozen is _____ the number of shoes in a pair.

Ⓐ less than
Ⓑ equal to
Ⓒ greater than
Ⓓ none of the above

10. Which operation could be used to solve this problem?

How many more legs are on a spider than on a bird?

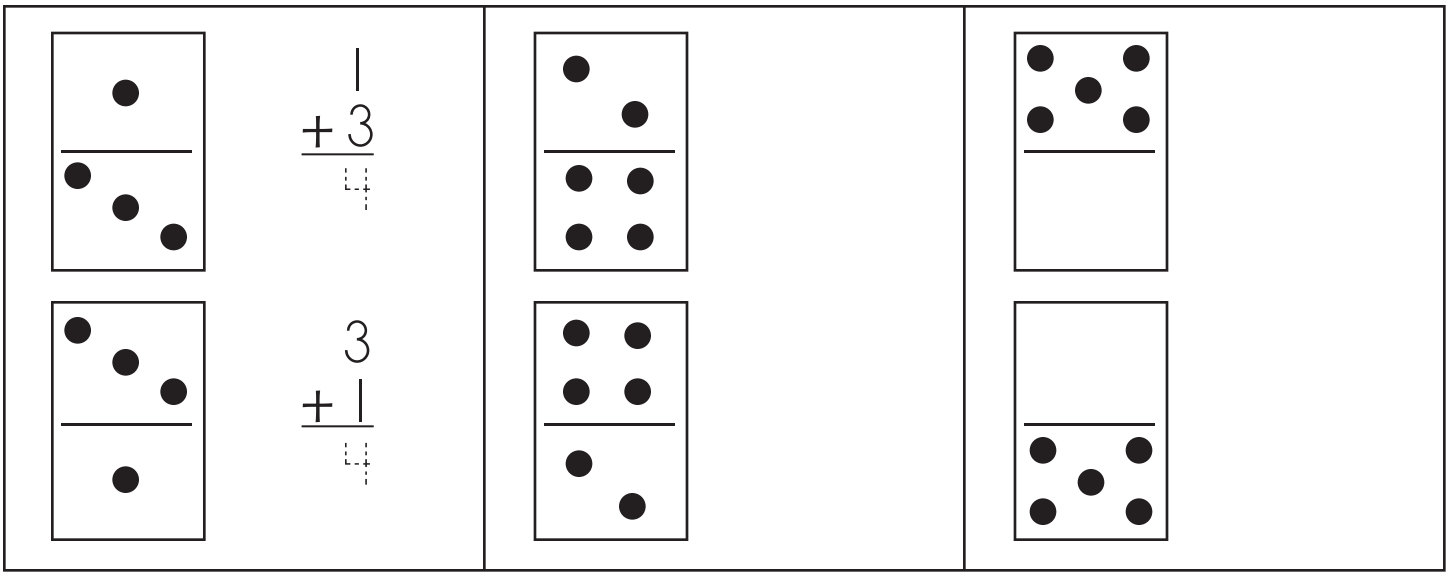
Ⓐ add
Ⓑ multiply
Ⓒ divide
Ⓓ subtract

Select appropriate operations and relation symbols to make a number sentence true

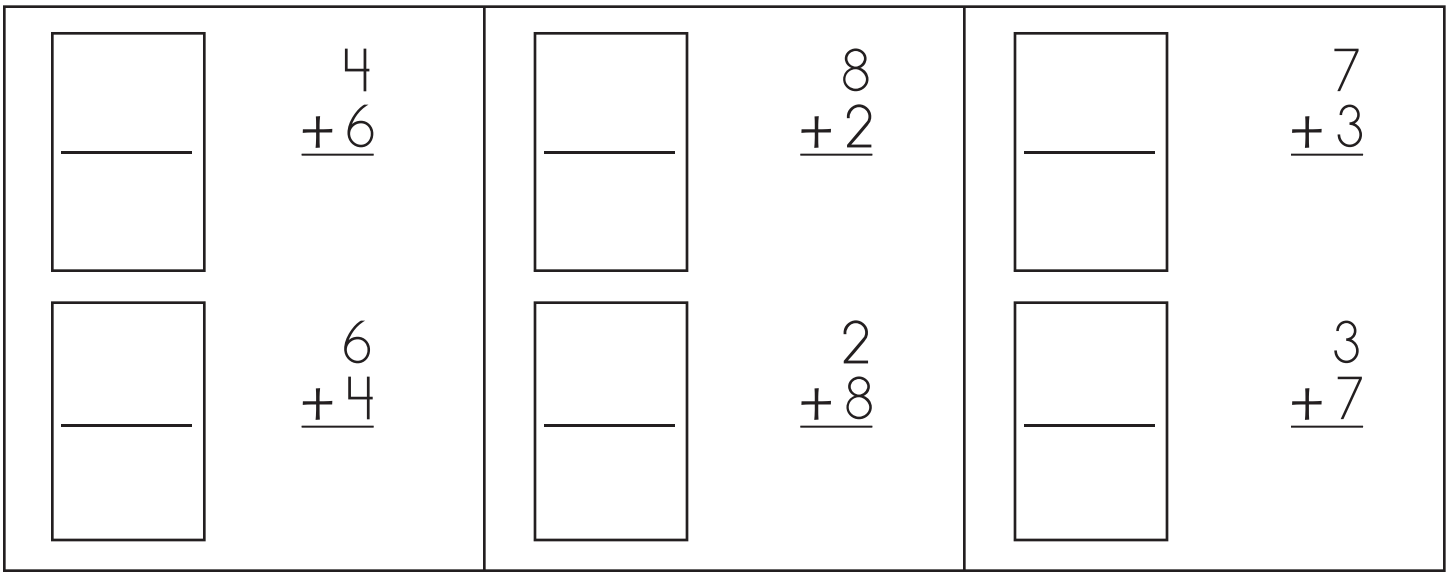
Dominoes

Name _____

Add the dots on the dominoes.



Draw the dots on the dominoes to show each addition problem.



What happens when you add the same two numbers in a different order?

_____

_____

_____

Recognize and use the commutative and associative properties of addition and multiplication

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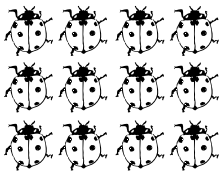
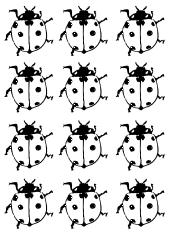
Bunches of Bugs

Name _____

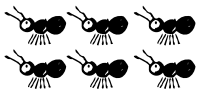
Use the array of bugs to write a multiplication problem.



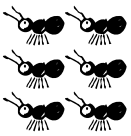
3 x 4 = ☐



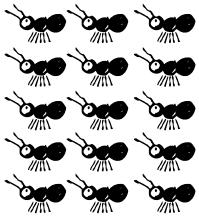
4 x 3 = ☐



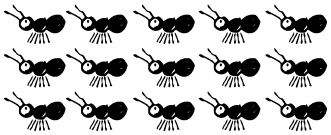
2 x 3 = ☐



3 x 2 = ☐



5 x 3 = ☐



3 x 5 = ☐

4 x 2 = ☐

2 x 4 = ☐

Draw an array of bugs for each multiplication problem.

10 x 3 = ☐

3 x 10 = ☐

4 x 6 = ☐

6 x 4 = ☐

What happens when you multiply the same two numbers in a different order?

_____

_____

_____

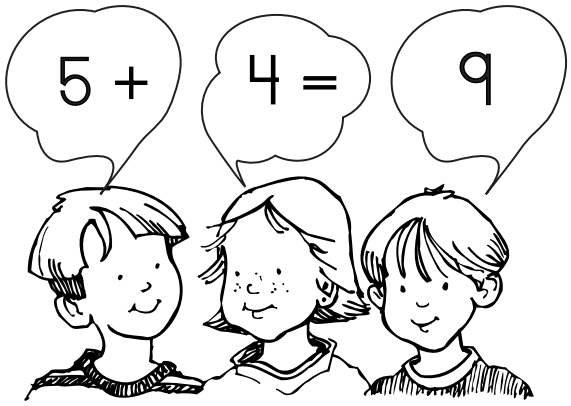
Recognize and use the commutative and associative properties of addition and multiplication

Add Them Up!

Name _____

Find the answers.

$$\begin{array}{r} 2 \\ 3 \\ +\,4 \\ \hline \end{array} \quad \begin{array}{r} \square 5 \\ +\,4 \\ \hline 9 \end{array} \qquad \begin{array}{r} 2 \\ 3 \\ +\,4 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ +\,\square 7 \\ \hline 9 \end{array}$$



1.

$$\begin{array}{r} 6 \\ 5 \\ +\,2 \\ \hline \end{array} \quad \begin{array}{r} \square \\ +\,2 \\ \hline \end{array} \qquad \begin{array}{r} 6 \\ 5 \\ +\,2 \\ \hline \end{array} \quad \begin{array}{r} \square \\ +\,\square \\ \hline \end{array}$$

2.

$$\begin{array}{r} 4 \\ 8 \\ +\,1 \\ \hline \end{array} \quad \begin{array}{r} \\ +\,\_\_ \\ \hline \end{array} \qquad \begin{array}{r} 4 \\ 8 \\ +\,1 \\ \hline \end{array} \quad \begin{array}{r} \\ +\,\_\_ \\ \hline \end{array}$$

3.

$$\begin{array}{r} 2 \\ 7 \\ +\,3 \\ \hline \end{array} \quad \begin{array}{r} \\ +\,\_\_ \\ \hline \end{array} \qquad \begin{array}{r} 2 \\ 7 \\ +\,3 \\ \hline \end{array} \quad \begin{array}{r} \\ +\,\_\_ \\ \hline \end{array}$$

4.

$$\begin{array}{r} 6 \\ 4 \\ +\,5 \\ \hline \end{array} \quad \begin{array}{r} \\ +\,\_\_ \\ \hline \end{array} \qquad \begin{array}{r} 6 \\ 4 \\ +\,5 \\ \hline \end{array} \quad \begin{array}{r} \\ +\,\_\_ \\ \hline \end{array}$$

5.

$$\begin{array}{r} 8 \\ 7 \\ +\,2 \\ \hline \end{array} \quad \begin{array}{r} \\ +\,\_\_ \\ \hline \end{array} \qquad \begin{array}{r} 8 \\ 7 \\ +\,2 \\ \hline \end{array} \quad \begin{array}{r} \\ +\,\_\_ \\ \hline \end{array}$$

6.

$$\begin{array}{r} 3 \\ 4 \\ +\,5 \\ \hline \end{array} \quad \begin{array}{r} \\ +\,\_\_ \\ \hline \end{array} \qquad \begin{array}{r} 3 \\ 4 \\ +\,5 \\ \hline \end{array} \quad \begin{array}{r} \\ +\,\_\_ \\ \hline \end{array}$$

Recognize and use the commutative and associative properties of addition and multiplication

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What's the Rule?

Name _____

Find the answers.
Think about what is happening.

1.

(1 + 2) + 3 =

3 + 3 = 6

1 + (2 + 3) =

1 + _____ = _____

2.

(6 + 5) + 4 =

_____ + 4 = _____

6 + (5 + 4) =

6 + _____ = _____

3.

(7 + 3) + 5 =

_____ + 5 = _____

7 + (3 + 5) =

7 + _____ = _____

4.

(3 x 3) x 2 =

_____ x 2 = _____

3 x (3 x 2) =

3 x _____ = _____

5.

(2 x 4) x 8 =

_____ x 8 = _____

2 x (4 x 8) =

2 x _____ = _____

6.

(4 x 3) x 1 =

_____ x 1 = _____

4 x (3 x 1) =

4 x _____ = _____

What is the rule for adding or multiplying a set of numbers in different order?

_____

_____

Recognize and use the commutative and associative properties of addition and multiplication

Show What You Know

Name _____

Read the rule. Write an example to show what the rule means.

1. The rule is:

The sum of two numbers will always be the same, no matter in what order you add them.

2. The rule is:

The product of two numbers will always be the same, no matter in what order you multiply them.

3. The rule is:

No matter how you group a series of numbers, they will always add up to the same sum.

Recognize and use the commutative and associative properties of addition and multiplication

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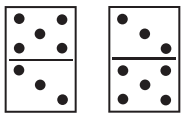
Name _____

Math Test

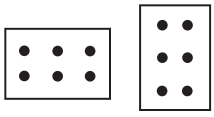
Fill in the circle next to the correct answer.

1. Which two addition problems are shown by these dominoes?



Ⓐ 5 + 3 and 3 + 5
Ⓑ 3 + 3 and 5 + 5
Ⓒ 8 + 0 and 0 + 8
Ⓓ none of the above

2. Which two problems are shown by these arrays?



Ⓐ 3 + 3 and 2 + 2
Ⓑ 2 + 3 and 3 + 2
Ⓒ 2 x 3 and 3 x 2
Ⓓ none of the above

3. What should be done first?

5 + (6 + 4) = _____

Ⓐ add 5
Ⓑ add 6 + 4
Ⓒ add 5 + 10
Ⓓ none of the above

4. What should be done first?

(2 x 4) x 8 = _____

Ⓐ multiply by 8
Ⓑ multiply 8 x 8
Ⓒ multiply 2 x 4
Ⓓ none of the above

5. What number is missing?

(2 + 3) + 4 = 2 + (3 + _____)

Ⓐ 2 Ⓒ 4
Ⓑ 3 Ⓓ none of the above

6. What number is missing?

6 x 2 = _____ x 6

Ⓐ 6
Ⓑ 8
Ⓒ 12
Ⓓ 2

7. What is the second step in this problem?

(3 x 4) x 2 = _____

Ⓐ 12 x 2
Ⓑ 3 x 8
Ⓒ 7 x 2
Ⓓ 3 x 6

8. What is the second step in this problem?

3 x (4 x 2) = _____

Ⓐ 3 x 2
Ⓑ 7 x 2
Ⓒ 3 x 8
Ⓓ 3 + 8

9. What happens when you add two numbers in a different order?

Ⓐ the answer is less
Ⓑ the answer is more
Ⓒ the answer is the same
Ⓓ none of the above

10. What happens when you multiply two numbers in a different order?

Ⓐ the answer is less
Ⓑ the answer is more
Ⓒ the answer is twice as much
Ⓓ the answer is the same

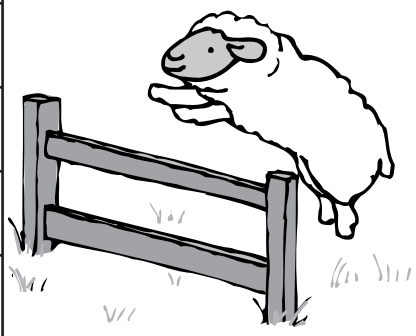
Recognize and use the commutative and associative properties of addition and multiplication

The Shepherd and His Flock

Name _____

One foggy day, a shepherd decided to count his sheep to be sure they were all safely inside their fence. But it was so foggy that all he could see to count were the legs of his sheep. Fill in the table below to help the shepherd make his count.

Number of Sheep	Number of Legs
1	4
2	
3	
4	
5	
6	
7	
8	
9	
10	



What change occurred each time the shepherd counted one more sheep?

_____

_____

Solve problems involving a functional relationship between two quantities

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Family Reunion

Name _____

Bobbie Jo's family is having a picnic. People are coming from far and near for the family reunion. She wants to find out how much food to buy for the picnic. Help Bobbie Jo by filling in the numbers on these tables.

1. Hot dogs come in packages of 10.

Number of Packages	1	2	3	4	5	6	7	8
Number of Hot Dogs	10	20						

2. Buns come in packages of 8.

Number of Packages	1	2	3	4	5	6	7	8
Number of Buns	8	16						

3. Sodas come in packages of 6.

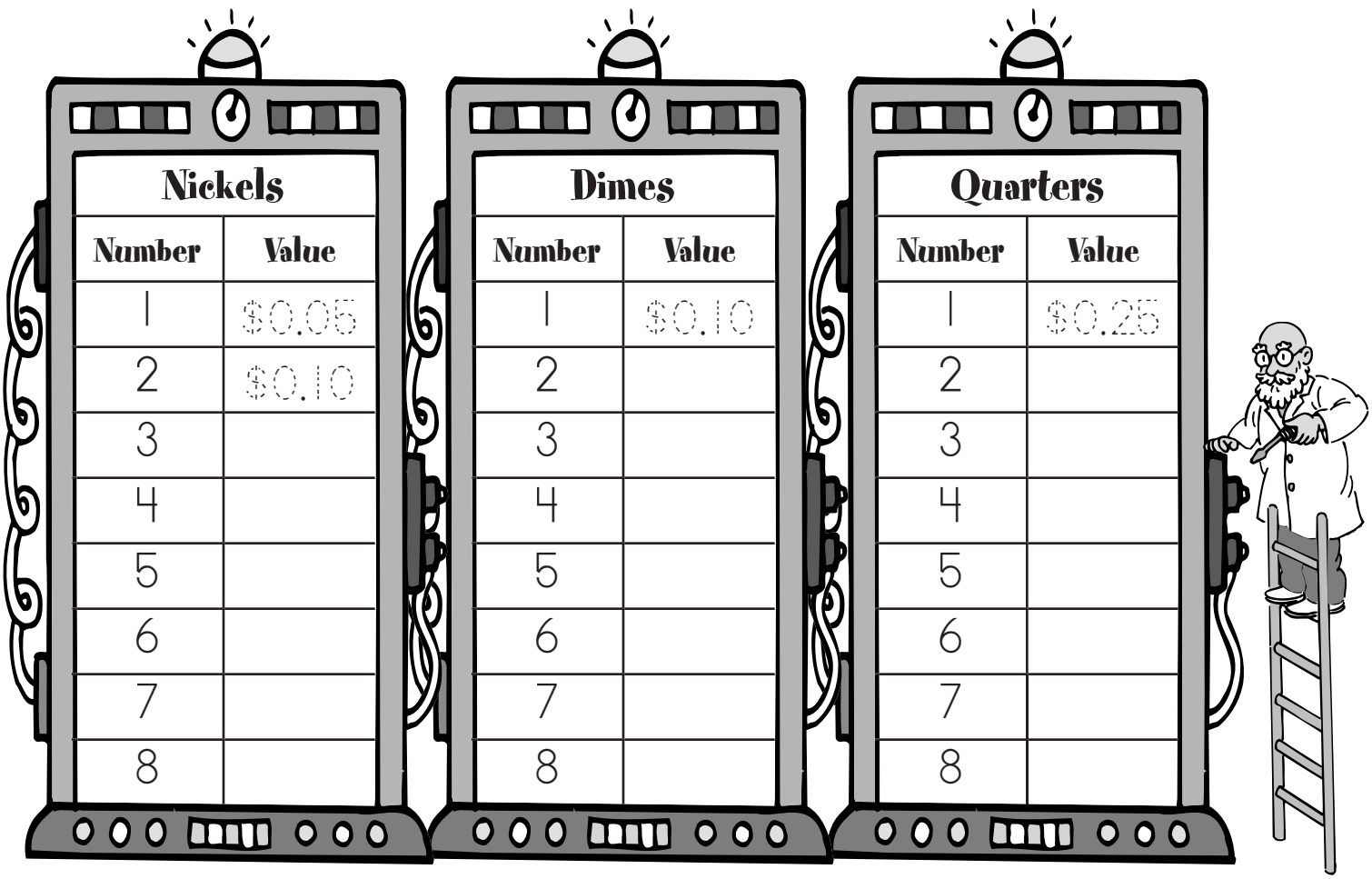
Number of Packages	1	2	3	4	5	6	7	8
Number of Sodas	6	12						

Solve problems involving a functional relationship between two quantities

Coin Machines

Name _____

Count the value of the coins as they go into the coin machines.



Nickels	
Number	Value
1	$0.05
2	$0.10
3	
4	
5	
6	
7	
8	

Dimes	
Number	Value
1	$0.10
2	
3	
4	
5	
6	
7	
8	

Quarters	
Number	Value
1	$0.25
2	
3	
4	
5	
6	
7	
8	

1. What change occurred each time a nickel was dropped into the machine?

_____

2. What change occurred each time a dime was dropped into the machine?

_____

3. What change occurred each time a quarter was dropped into the machine?

_____

Solve problems involving a functional relationship between two quantities

Book Sale

Name _____

The Book Nook had a sale on all books in the store. Mr. Gomez bought a bunch of books for his classroom. The first book cost $10.00. Each additional book cost $2.50. Complete the table to show how much Mr. Gomez spent on books.

Number of Books	Total Cost
1	$10.00
2	$12.50
3	
4	
5	
6	
7	
8	
9	
10	

What change occurred each time Mr. Gomez bought an additional book?

_____

Solve problems involving a functional relationship between two quantities

On Your Own

Name _____

Make a table or an in–out machine to show changes as you add one more item.

1. Choose something in your classroom to count.
Here are a few ideas you might use:

legs on chairs

hands on students

cost of school lunch

2. Draw your table or in–out machine.

3. Fill in the numbers.

Solve problems involving a functional relationship between two quantities

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Name _____

Math Test

Fill in the circle next to the correct answer.

1. If each dog has four legs, how many legs do six dogs have?
- Ⓐ 4
- Ⓑ 6
- Ⓒ 10
- Ⓓ 24

2. If each package holds 10 cookies, how many do 5 packages hold?
- Ⓐ 5
- Ⓑ 10
- Ⓒ 50
- Ⓓ 100

3. If each quart holds 4 cups, how much do 2 quarts hold?
- Ⓐ 6 cups
- Ⓑ 8 cups
- Ⓒ 10 cups
- Ⓓ none of the above

4. Which is more—7 dimes or 10 nickels?
- Ⓐ 7 dimes
- Ⓑ 10 nickels
- Ⓒ they are the same value
- Ⓓ none of the above

5. Which contains more—5 packs of 10 hot dogs or 7 packs of 8 buns?
- Ⓐ they are the same amount
- Ⓑ hot dogs
- Ⓒ buns
- Ⓓ none of the above

Snake's Growth

Year	1	2	3	4
Inches long	6	8	10	

6. What does the table above tell?
- Ⓐ how many snakes there are
- Ⓑ how long each snake is
- Ⓒ how much the snake grew
- Ⓓ none of the above

7. How much does the snake grow each year?
- Ⓐ one inch
- Ⓑ two inches
- Ⓒ three inches
- Ⓓ four inches

8. How long was the snake in year 2?
- Ⓐ 6 inches
- Ⓑ 8 inches
- Ⓒ 10 inches
- Ⓓ 12 inches

9. If the pattern continues, how long will the snake be in year 8?
- Ⓐ 12 inches
- Ⓑ 14 inches
- Ⓒ 20 inches
- Ⓓ 24 inches

10. What is NOT shown on this table?
- Ⓐ the length of other snakes
- Ⓑ the weight of the snake
- Ⓒ the color of the snake
- Ⓓ all of the above

Solve problems involving a functional relationship between two quantities

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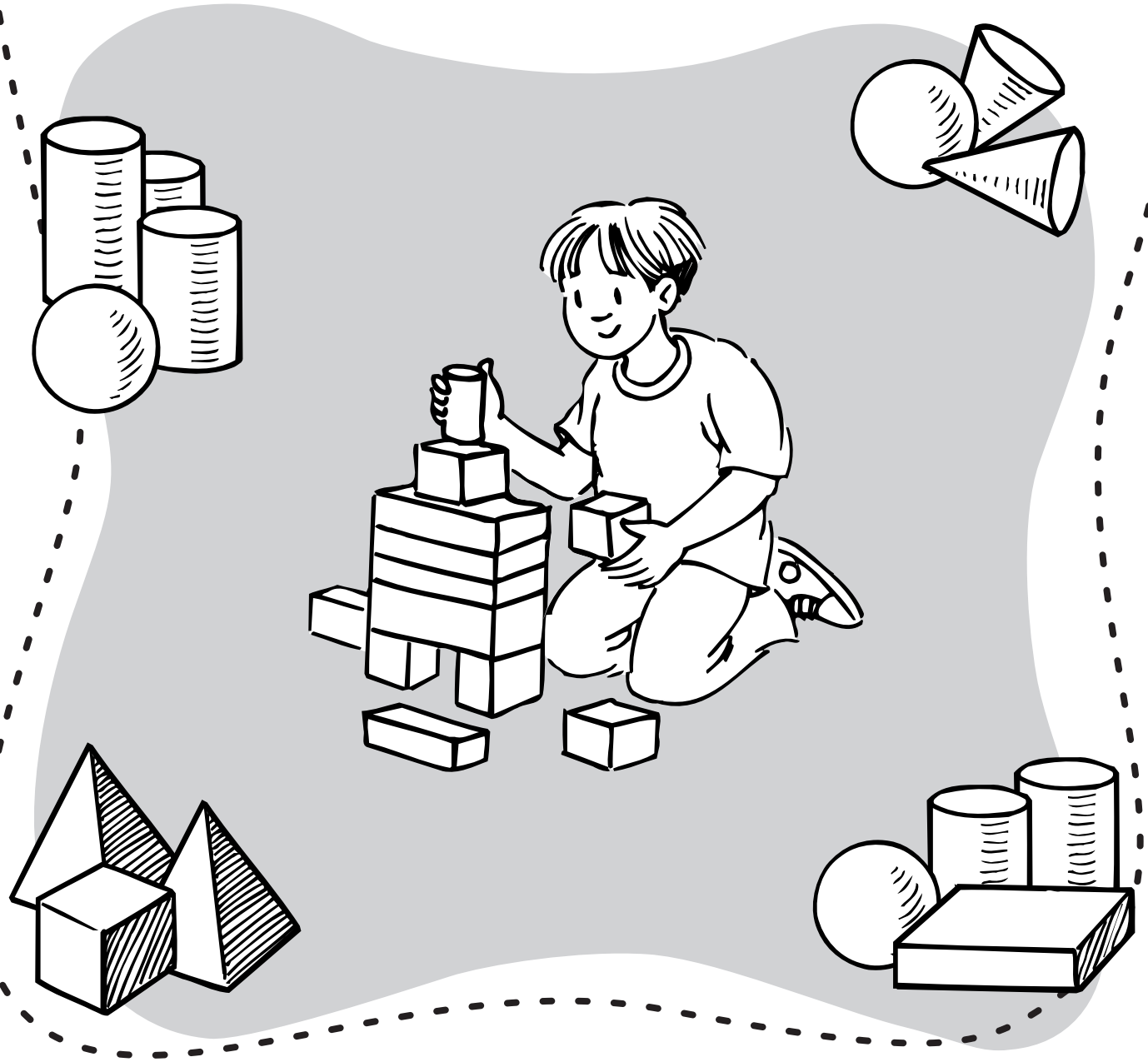
Geometry

- Identify and describe plane geometric figures by their attributes 169
- Identify and describe common solid figures by their attributes 175
- Identify and compare lines, line segments, and rays 181
- Identify angles and determine whether they are greater or less than a right angle 187



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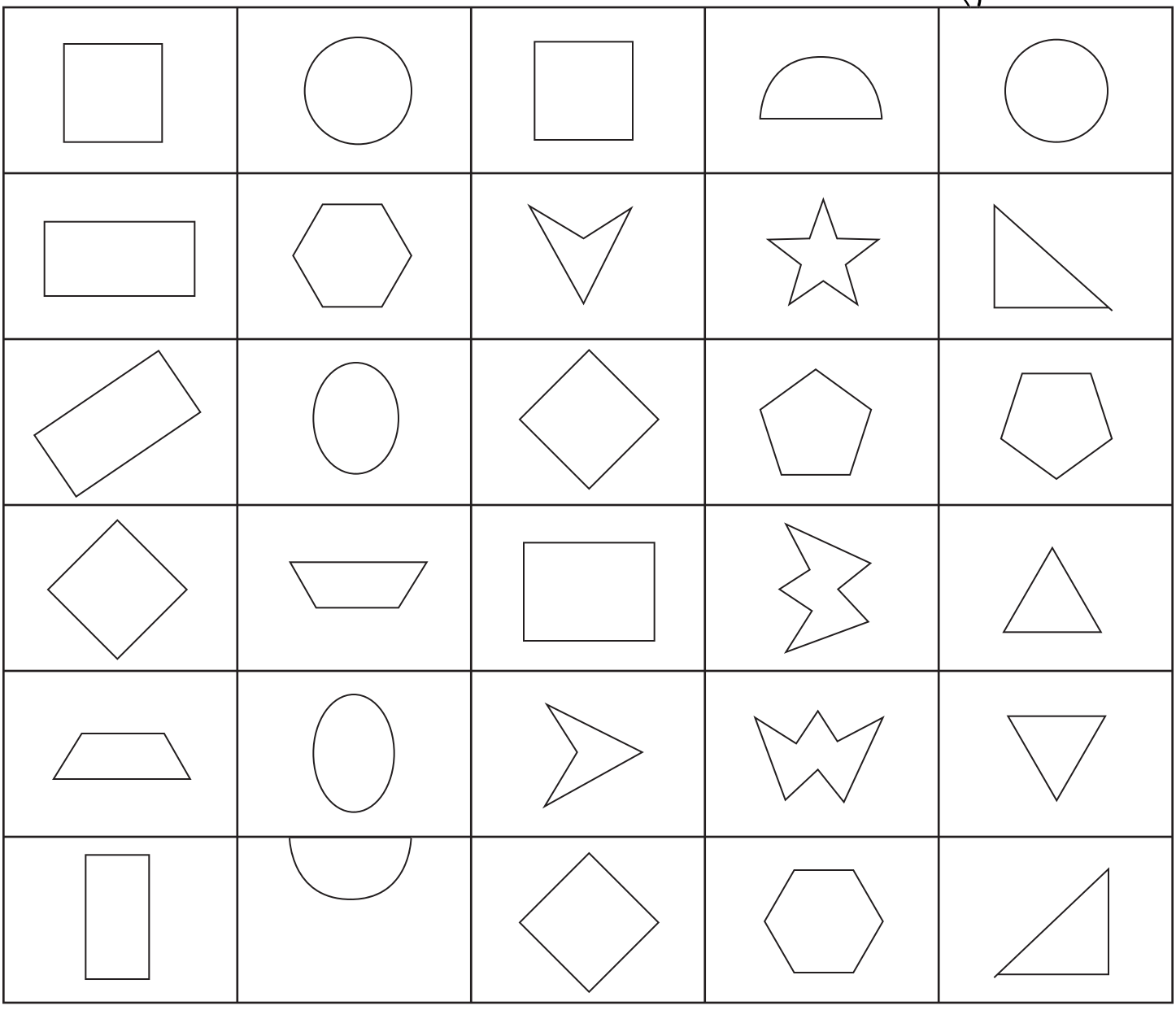
Secret Message

Name _____

Count and color the sides to find the secret message.

Key

3 sides—**purple**
4 sides—**orange**
all other boxes–**leave white**



What does the secret message say? _____

Identify and describe plane geometric figures by their attributes

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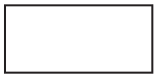
Find the Shapes

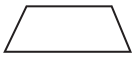
Name _____

Count to find how many of each shape is in the design.

squares _____

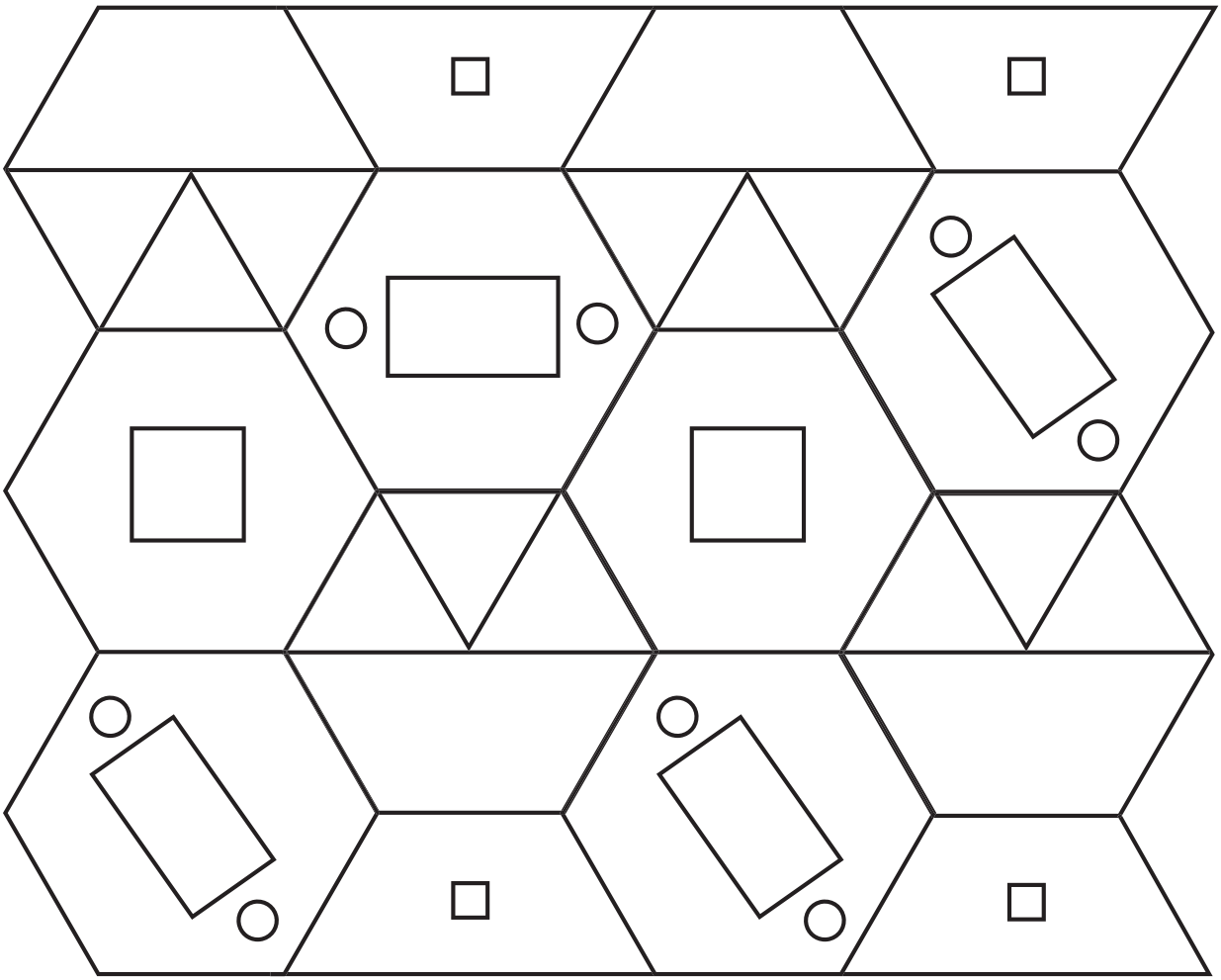
hexagons _____

 rectangles _____

 trapezoids _____

circles _____

triangles _____



Identify and describe plane geometric figures by their attributes

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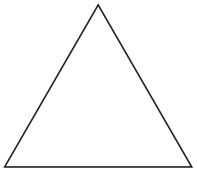
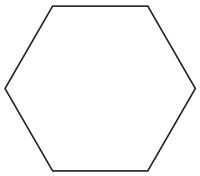
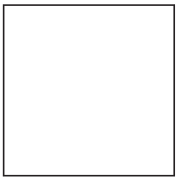
Make a Match

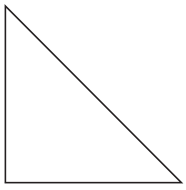
Name _____

Draw a line from each statement to the correct shape or shapes.









- opposite sides are the same length
- 3 corners
- 4 corners
- 3 sides
- 4 sides are NOT all the same length
- 4 sides are the same length

Identify and describe plane geometric figures by their attributes

What's a Polygon?

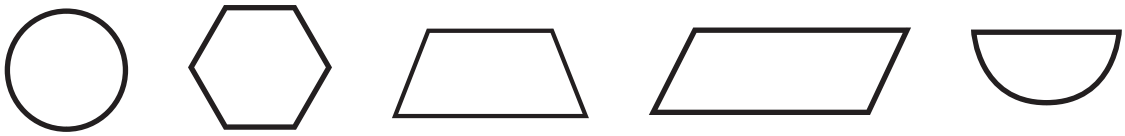
Name _____

Polygons are shapes that have **straight sides**.

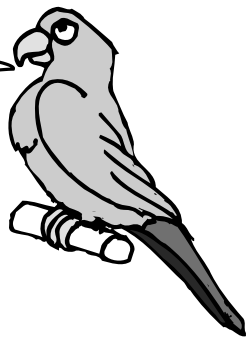
These are all **polygons**:

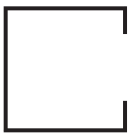
triangle square rectangle pentagon hexagon octagon

Color the shapes that are polygons. Draw an **X** on each shape that is NOT a polygon.

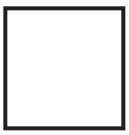


Polygons are **closed shapes**.



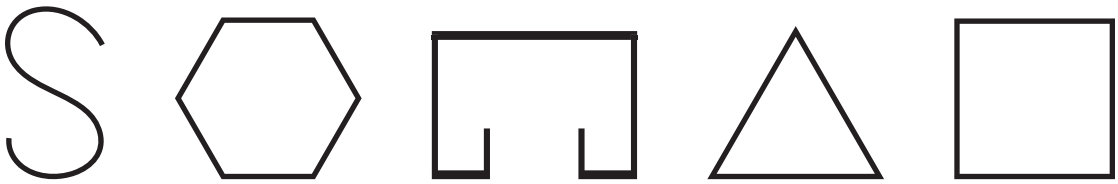


This is an **open** shape.



This is a **closed** shape.

Color the closed shapes below. Draw an **X** on the open shapes.



Identify and describe plane geometric figures by their attributes

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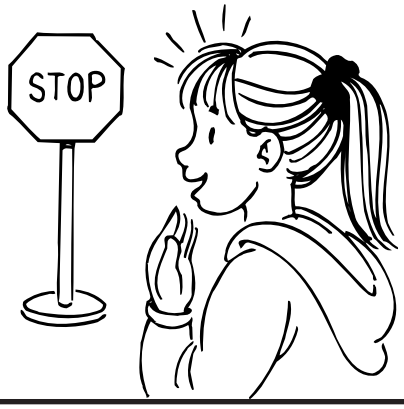
Polygon Search

Name _____

Look around the school.

Find objects that are polygons.

Draw each object and write the name of its shape.



Identify and describe plane geometric figures by their attributes

Name _____

Math Test

Fill in the circle next to the correct answer.

1. What is the name of this shape?

Ⓐ pentagon
Ⓑ hexagon
Ⓒ octagon
Ⓓ none of the above

2. What is the name of this shape?

Ⓐ octagon
Ⓑ hexagon
Ⓒ pentagon
Ⓓ none of the above

3. How many sides does a hexagon have?

Ⓐ 3
Ⓑ 4
Ⓒ 6
Ⓓ 8

4. What is true about circles?

Ⓐ Circles are polygons.
Ⓑ Circles are curved shapes.
Ⓒ Circles have many sides.
Ⓓ none of the above

5. What shape is a stop sign?

Ⓐ triangle
Ⓑ octagon
Ⓒ hexagon
Ⓓ pentagon

6. How are a square and a rectangle alike?

Ⓐ Both shapes have 4 sides that are the same length.
Ⓑ Both shapes have 5 sides.
Ⓒ Both shapes are the same size.
Ⓓ Both shapes have four sides.

7. Find the closed shape.

Ⓐ
Ⓑ
Ⓒ
Ⓓ

8. Find the open shape.

Ⓐ
Ⓑ
Ⓒ
Ⓓ

9. Which shape is NOT a polygon?

Ⓐ square
Ⓑ hexagon
Ⓒ circle
Ⓓ triangle

10. Which statement is true about polygons?

Ⓐ All polygons have three sides.
Ⓑ All polygons are open shapes.
Ⓒ All polygons have curved sides.
Ⓓ All polygons have straight sides.

Identify and describe plane geometric figures by their attributes

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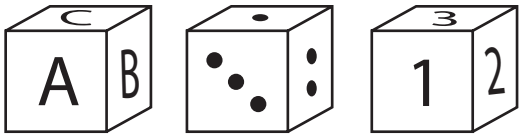
Make a Cube

Name _____

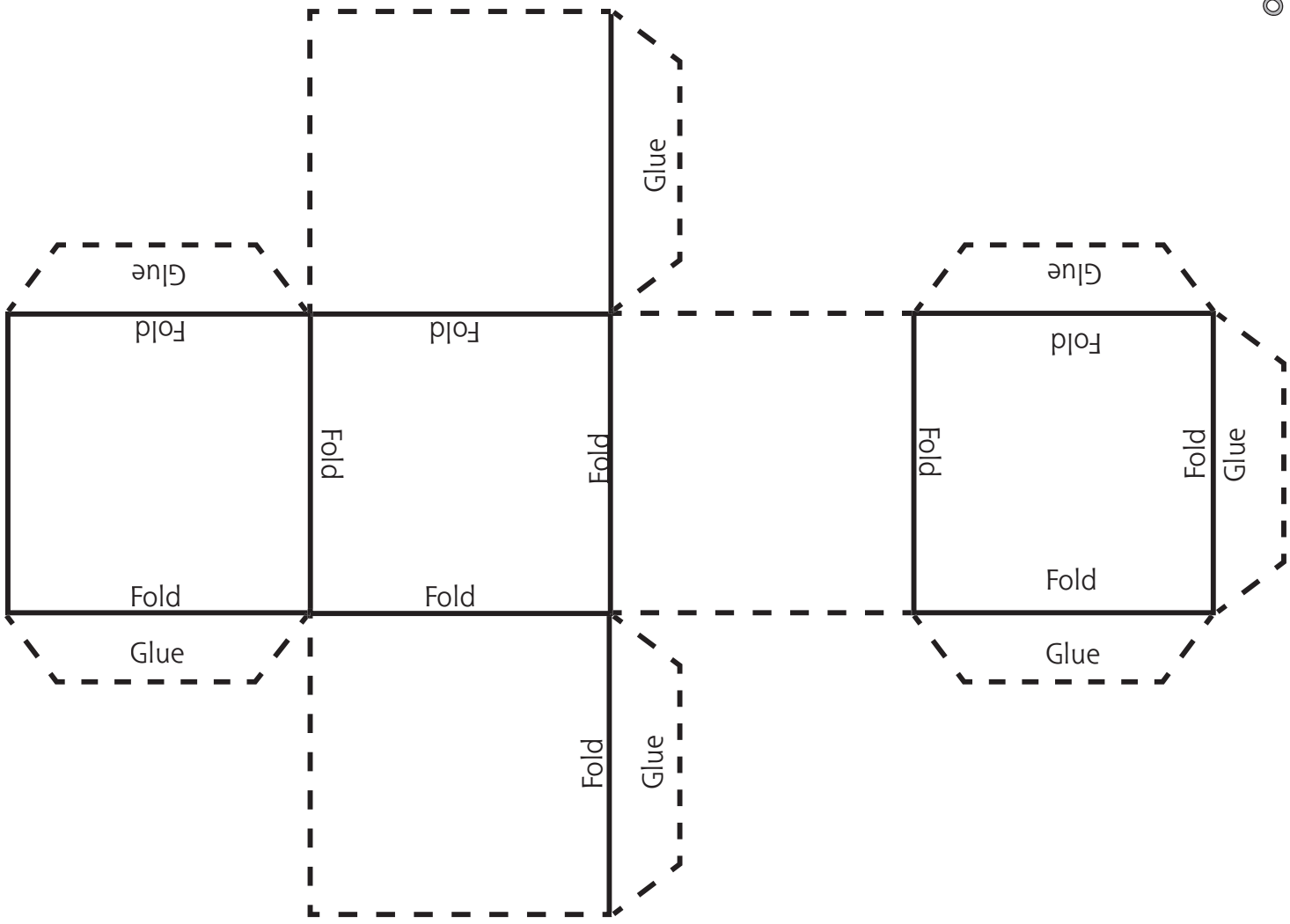
A **solid** shape has length, width, and height.
A **cube** is one kind of solid shape.

Here are some cubes you know.



Follow these steps to make a cube:

1. Draw a design on the sides of the pattern below.
2. Cut out the shape and fold on the lines.
3. Glue the sides together to complete the cube.

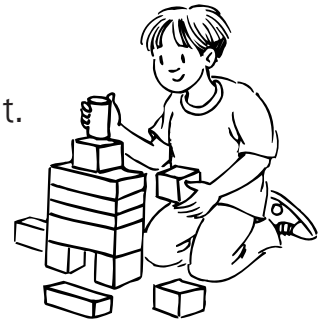


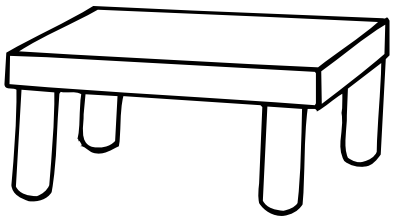
Identify and describe common solid figures by their attributes

Building with Blocks

Name _____

Jeff is helping his little brother build things using blocks. Look at each picture and name the blocks used to make it. Then write how many of each block was used.

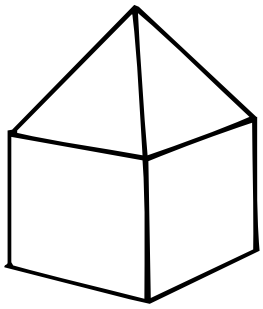




Which blocks were used? **How many?**

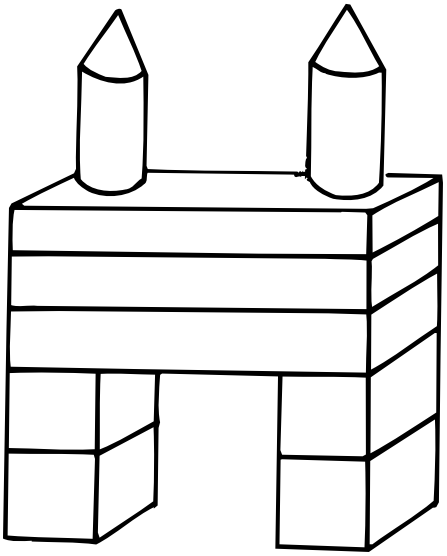
_____ _____

_____ _____



_____ _____

_____ _____



_____ _____

_____ _____

_____ _____

_____ _____

Word Box

cube	sphere	pyramid
rectangular prism	cylinder	cone

Identify and describe common solid figures by their attributes

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Sort the Shapes

Name _____

Write the name of each object under the correct solid shape.

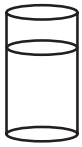
gift box

megaphone

balloon

book

baseball


drinking glass

dice

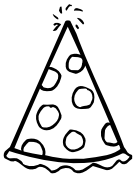
game box

food can

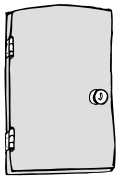
ice-cream cone

block

globe


clown hat

oatmeal box


door

Cube	Sphere	Cone
_____	_____	_____
_____	_____	_____
_____	_____	_____

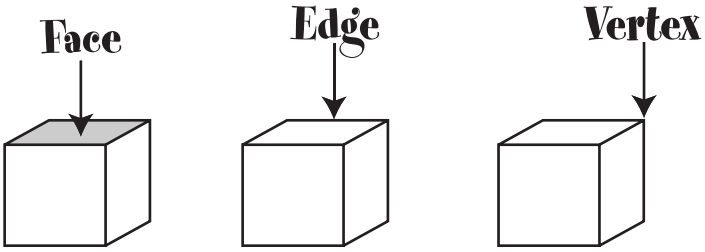
Rectangular Prism	Cylinder
_____	_____
_____	_____
_____	_____

Identify and describe common solid figures by their attributes

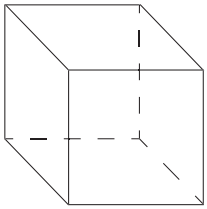
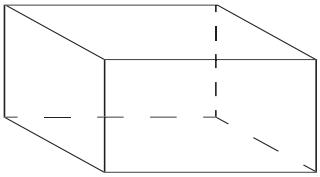
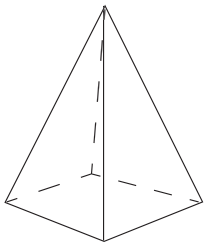
Parts of Shapes

Name _____

The parts of solid shapes have names.



Count the number of each part to complete the chart.

Shape	Number of Faces	Number of Edges	Number of Vertexes
 cube			
 rectangular prism			
 square pyramid			

Identify and describe common solid figures by their attributes

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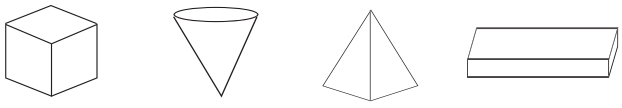
What I Know About Shapes

Name _____

Shape	Draw the shape.	Describe the shape.
cone		
sphere		
rectangular prism		
pyramid		
cube		
cylinder		

Which solid shape has these faces?



A B C D

1. ☐ ☐ ☐ ☐ ☐ ☐ _____

2. ☐ △ △ △ △ _____

Identify and describe common solid figures by their attributes

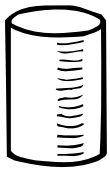
Name _____

Math Test

Fill in the circle next to the correct answer.

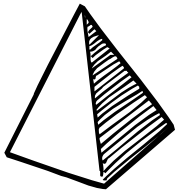
1. Mark the name of this shape.

Ⓐ cone
Ⓑ cylinder
Ⓒ pyramid
Ⓓ sphere



2. Mark the name of this shape.

Ⓐ cone
Ⓑ cylinder
Ⓒ pyramid
Ⓓ sphere



3. Mark the name of this shape.

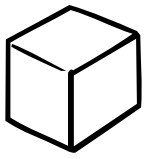
Ⓐ cone
Ⓑ sphere
Ⓒ pyramid
Ⓓ rectangular prism

4. Which object has flat ends and can roll?

Ⓐ rectangular prism
Ⓑ cone
Ⓒ cylinder
Ⓓ sphere

5. How many faces are on a cube?

Ⓐ 2
Ⓑ 4
Ⓒ 6
Ⓓ 8



6. Which part of a cube is a vertex?

Ⓐ the corner
Ⓑ the edge
Ⓒ the side
Ⓓ none of the above

7. One side of a pyramid is a _____.

Ⓐ circle
Ⓑ triangle
Ⓒ hexagon
Ⓓ none of the above

8. One side of a cube is a _____.

Ⓐ circle
Ⓑ triangle
Ⓒ square
Ⓓ none of the above

9. One end of a cylinder is a _____.

Ⓐ rectangle
Ⓑ triangle
Ⓒ square
Ⓓ circle

10. How many edges are on a cube?

Ⓐ 10
Ⓑ 12
Ⓒ 14
Ⓓ 16

Identify and describe common solid figures by their attributes

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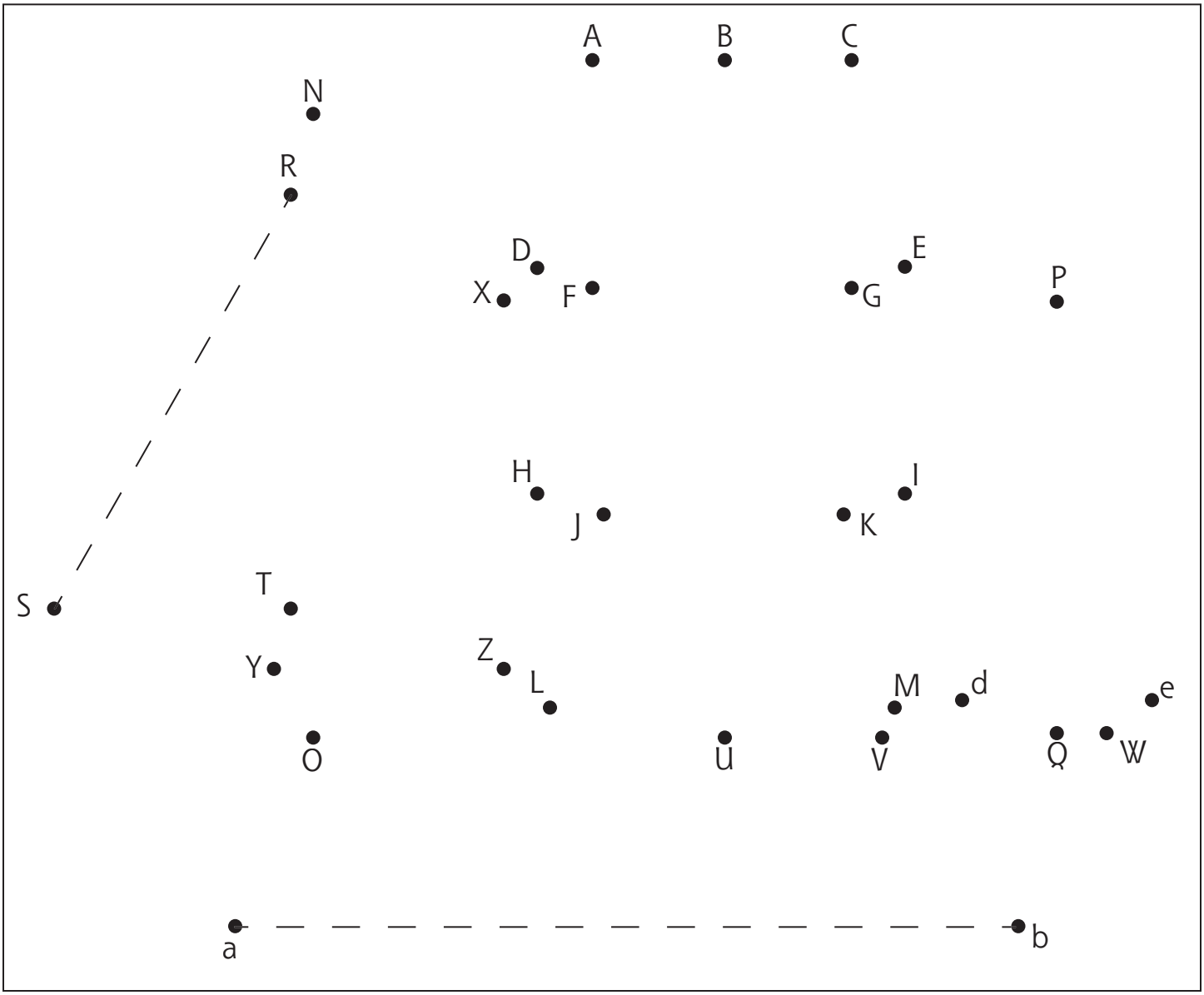
Mystery Picture

Name _____

A **line segment** is a straight line drawn between two points. Draw line segments to complete a mystery picture. The first two line segments have been drawn for you.



~~$\overline{ab}$~~ ~~$\overline{RS}$~~ $\overline{Sa}$ $\overline{TR}$ $\overline{UV}$ $\overline{FH}$ $\overline{Wb}$ $\overline{NO}$ $\overline{OU}$ $\overline{XZ}$ $\overline{AD}$ $\overline{JK}$ $\overline{QW}$ $\overline{LJ}$

$\overline{BU}$ $\overline{ST}$ $\overline{DE}$ $\overline{CE}$ $\overline{HI}$ $\overline{KM}$ $\overline{Pe}$ $\overline{PQ}$ $\overline{AC}$ $\overline{YZ}$ $\overline{GI}$ $\overline{FG}$ $\overline{de}$ $\overline{Pd}$

$\overline{SO}$ $\overline{XY}$ $\overline{VQ}$ $\overline{LM}$

Identify and compare lines, line segments, and rays

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Lines

Name _____

•	point
←→	line
•—•	line segment
•→	ray

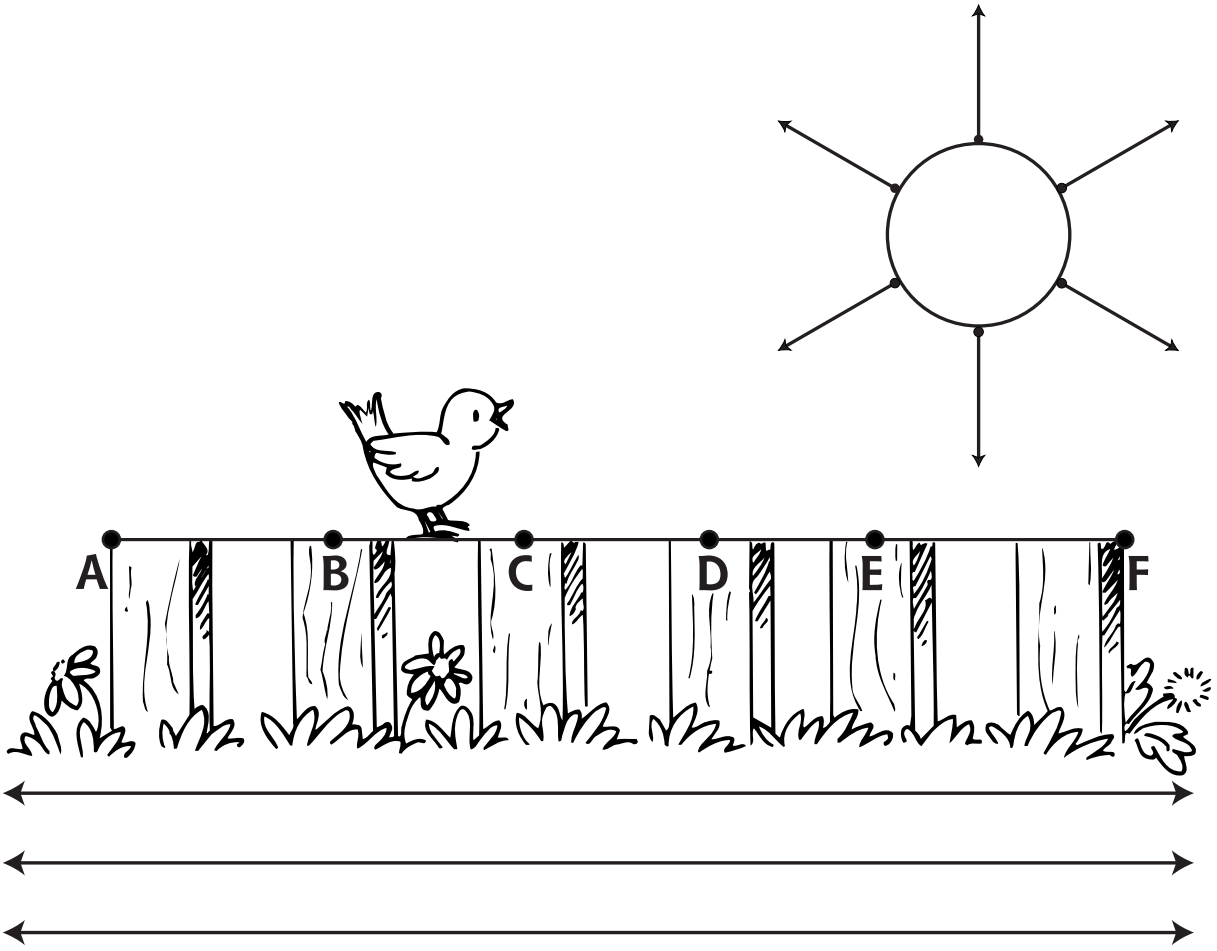
Look at the picture below.
Trace the **rays** in orange. Trace the **line segments** in brown. Trace the **lines** in black.

1. How many rays are on the sun? _____ rays

2. How many lines are on the road? _____ lines

3. Circle the line segment the white bird is standing on. $\overline{AB}$ $\overline{BC}$ $\overline{DE}$

4. Draw a black bird on the line segment $\overline{DE}$.



Identify and compare lines, line segments, and rays

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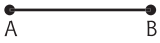
Lines, Line Segments, and Rays

Name _____

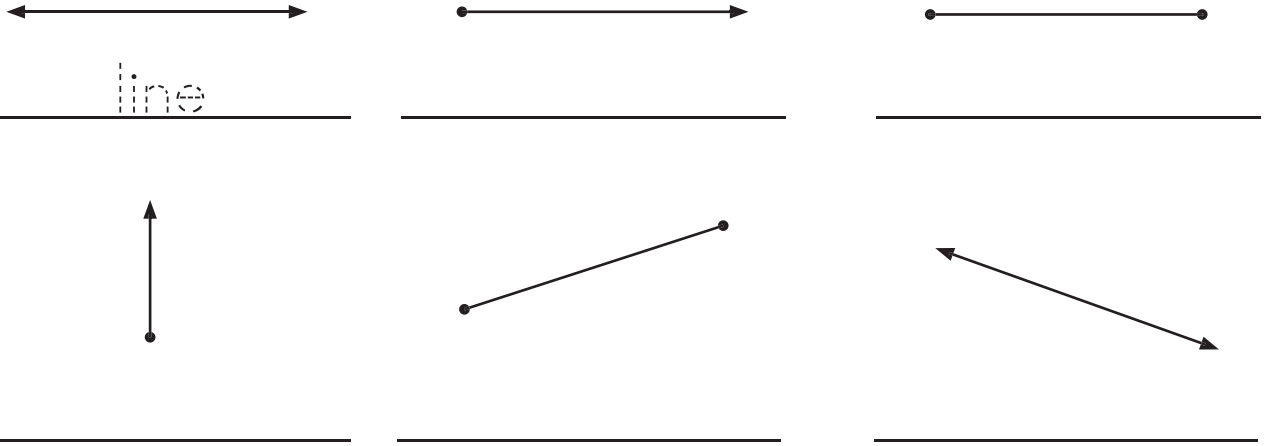
A **line** goes in opposite directions without ending.

A **line segment** is part of a line.



A **ray** is part of a line that goes in one direction without ending.

Write the name for each picture.



Draw.

line segment	ray	line

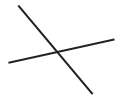
Identify and compare lines, line segments, and rays

Lines

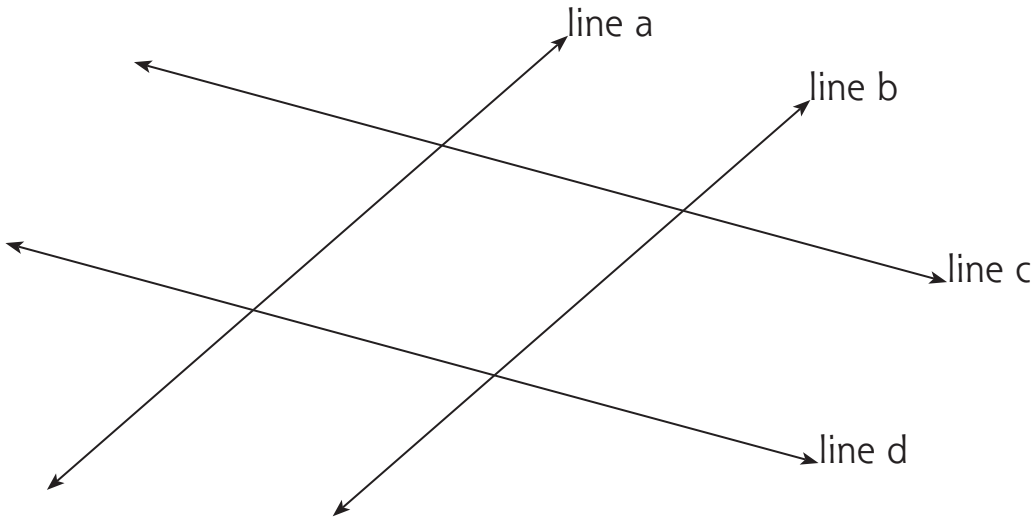
Name _____

Parallel lines are the same distance apart and never cross one another.

Intersecting lines cross one another at a point.



Look at these lines. Then fill in the blanks below.



1. Line ____ and line ____ are parallel.

2. Line ____ and line ____ are parallel.

3. Line ____ and line ____ are intersecting.

4. Line ____ and line ____ are intersecting.

5. Line ____ and line ____ are intersecting.

6. Line ____ and line ____ are intersecting.

Circle the **intersecting lines** in this math sentence. Draw a box around the **parallel lines**.

$$8 + 4 = 12$$

Draw two parallel lines.	Draw two intersecting lines.

Identify and compare lines, line segments, and rays

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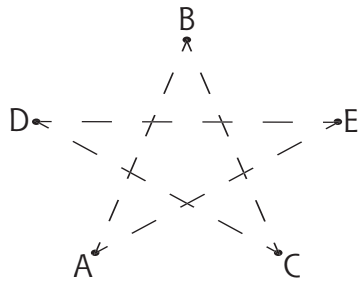
My Mystery Picture

Name _____

Create a mystery picture using **line segments**.
Plan your picture on a piece of scrap paper.
Draw the dots and letters in the box.
Below the box, write the line segments that should be connected. Remember to make a line above the two letters.



Line segments

$\overline{AB}$

Identify and compare lines, line segments, and rays

Name _____

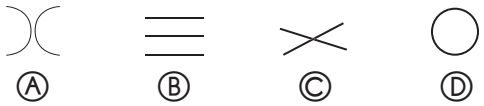
Math Test

Fill in the circle next to the correct answer.

1. Find the parallel lines.

Ⓐ Ⓑ Ⓒ Ⓓ

2. Find the intersecting lines.



Ⓐ Ⓑ Ⓒ Ⓓ

3. Find the name of this figure.

Ⓐ line
Ⓑ line segment
Ⓒ ray
Ⓓ none of the above

4. Find the name of this figure.

Ⓐ line
Ⓑ line segment
Ⓒ ray
Ⓓ none of the above

5. Find the name of this figure.

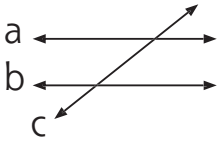
Ⓐ line
Ⓑ line segment
Ⓒ ray
Ⓓ none of the above

6. What does this show?

$\overline{QZ}$

Ⓐ a line
Ⓑ a ray
Ⓒ parallel lines
Ⓓ a line segment

7. Which lines are parallel?

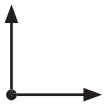


Ⓐ lines a and b
Ⓑ lines b and c
Ⓒ lines c and a
Ⓓ none of the above

8. Find which one is true about a line segment.

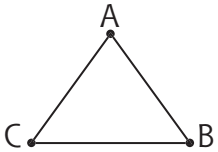
Ⓐ It goes in one direction without ending.
Ⓑ It goes in opposite directions without ending.
Ⓒ It is part of a line.
Ⓓ none of the above

9. How many rays are shown here?



Ⓐ 1
Ⓑ 2
Ⓒ 3
Ⓓ 4

10. How many line segments are shown here?



Ⓐ 1
Ⓑ 2
Ⓒ 3
Ⓓ none of the above

Identify and compare lines, line segments, and rays

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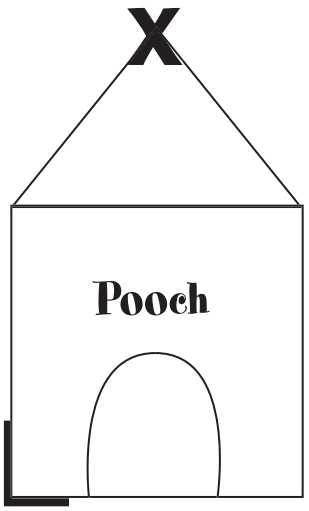
Phil's Challenge

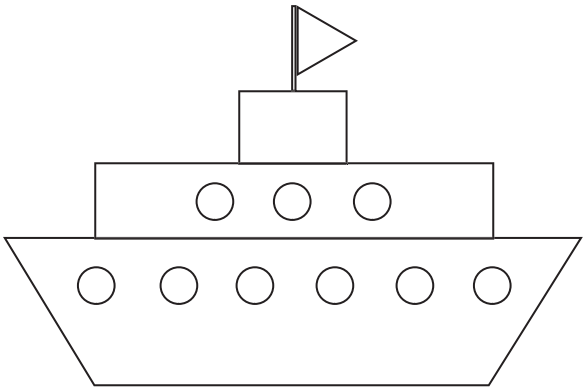
Name _____

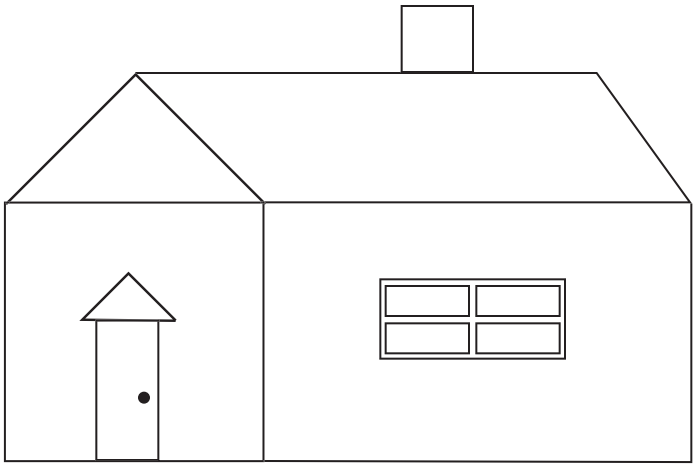
Phil drew pictures of objects that have angles. Your challenge is to find the corners that are right angles.

These are all **right angles**.

Trace the corners that are right angles.
Draw an **X** on the corners that are NOT right angles.







Identify angles and determine whether they are greater or less than a right angle

Trail to the Tower

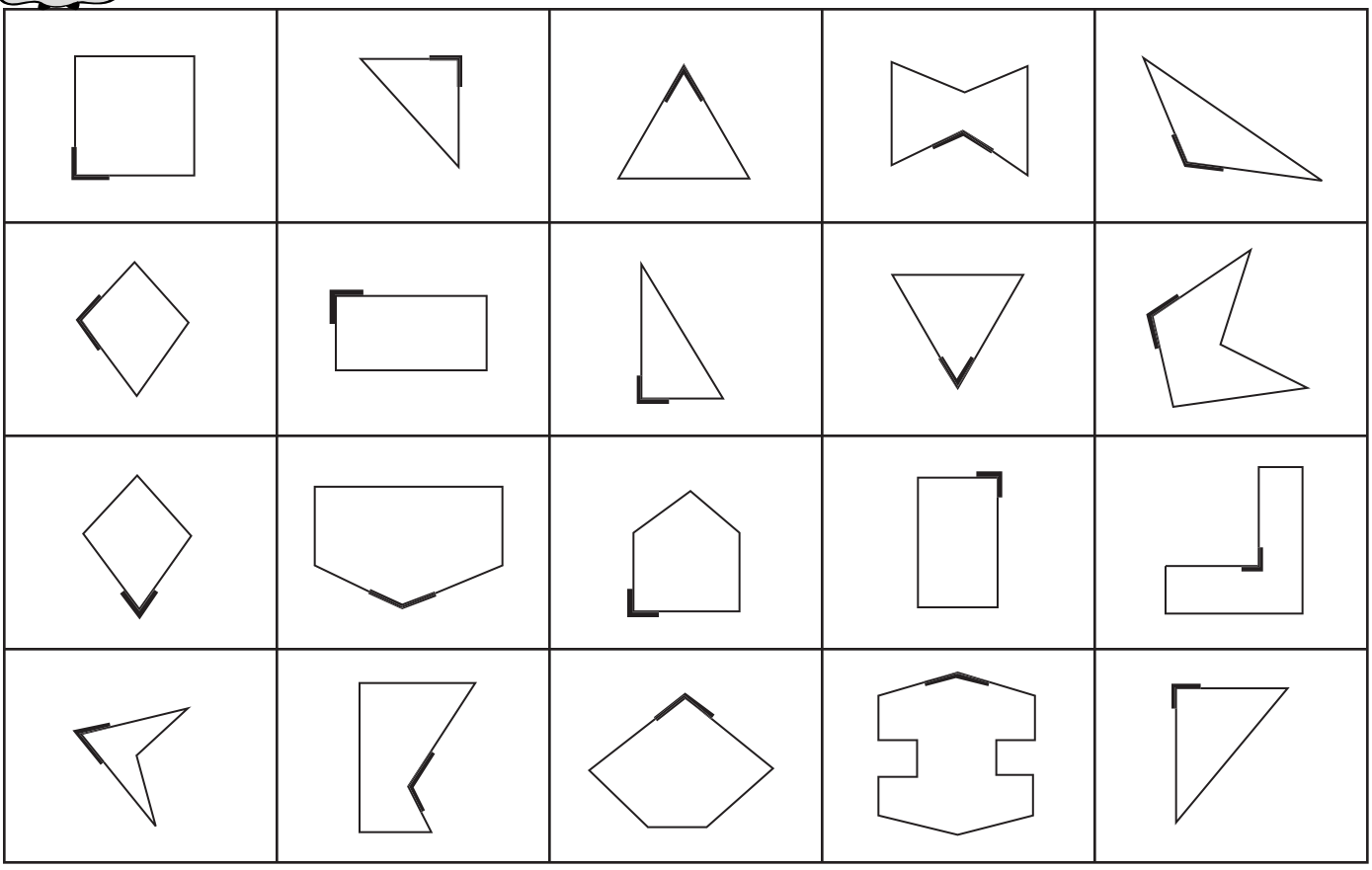
Name _____

Look at the marked angles. Then color the boxes to help the princess find the tower.

boxes with **right angles**—purple

boxes with angles **less than a right angle**—orange

boxes with angles **greater than a right angle**—green



Which color path leads the princess to the tower? _____

Identify angles and determine whether they are greater or less than a right angle

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Is It Right?

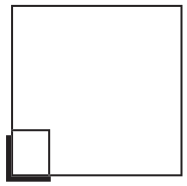
Name _____

a right angle

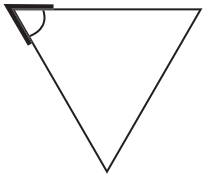
less than a right angle (acute angle)

greater than a right angle (obtuse angle)

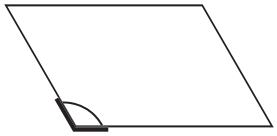
Circle **yes** if the angle is a right angle.
Circle **no** if the angle is NOT a right angle.

1. 

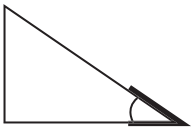
yes no

2. 

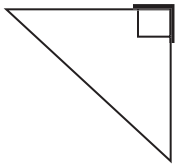
yes no

3. 

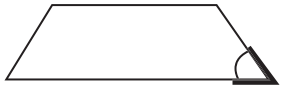
yes no

4. 

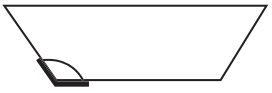
yes no

5. 

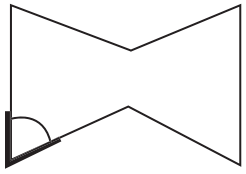
yes no

6. 

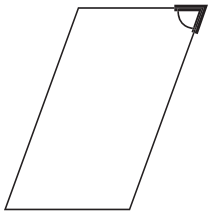
yes no

7. 

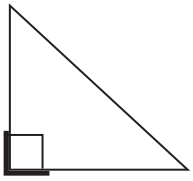
yes no

8. 

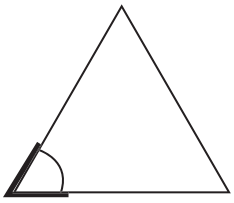
yes no

9. 

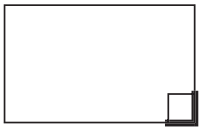
yes no

10. 

yes no

11. 

yes no

12. 

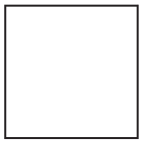
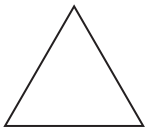
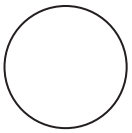
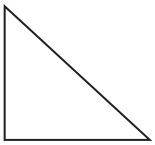
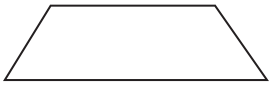
yes no

Identify angles and determine whether they are greater or less than a right angle

Kathy's Chart

Name _____

Help Kathy complete her chart about line segments and angles.

Shape	Line Segments	Angles	Right Angles
			
			
			
			
			

Identify angles and determine whether they are greater or less than a right angle

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Right On

Name _____

Cut out the square at the bottom of the page.
Use it to help you find **right angles** in the classroom.
Draw each object you find. Outline the right angles in **red**.

Identify angles and determine whether they are greater or less than a right angle

Name _____

Math Test

Fill in the circle next to the correct answer.

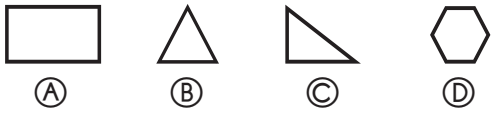
1. Find the right angle.

2. Find the angle that is greater than a right angle.

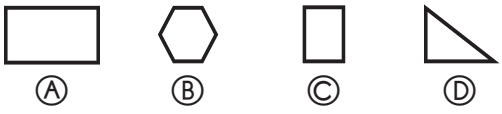
3. Find the angle that is less than a right angle.

4. Which triangle has a right angle?

5. Which polygon has four right angles?



6. Which polygon has only one right angle?



7. Which polygon does NOT have a right angle?

8. Jesse has some shapes. He gave a shape with four right angles to his sister. Which shape did he give her?

Ⓐ triangle
Ⓑ square
Ⓒ hexagon
Ⓓ trapezoid

9. Carlos has a sign with four right angles. Find his sign.

Ⓐ

Ⓑ

Ⓒ

Ⓓ

10. Amy received a gift with right angles for her birthday. Find her gift.

Ⓐ a bracelet
Ⓑ a stuffed bear
Ⓒ a book
Ⓓ a hat

Identify angles and determine whether they are greater or less than a right angle

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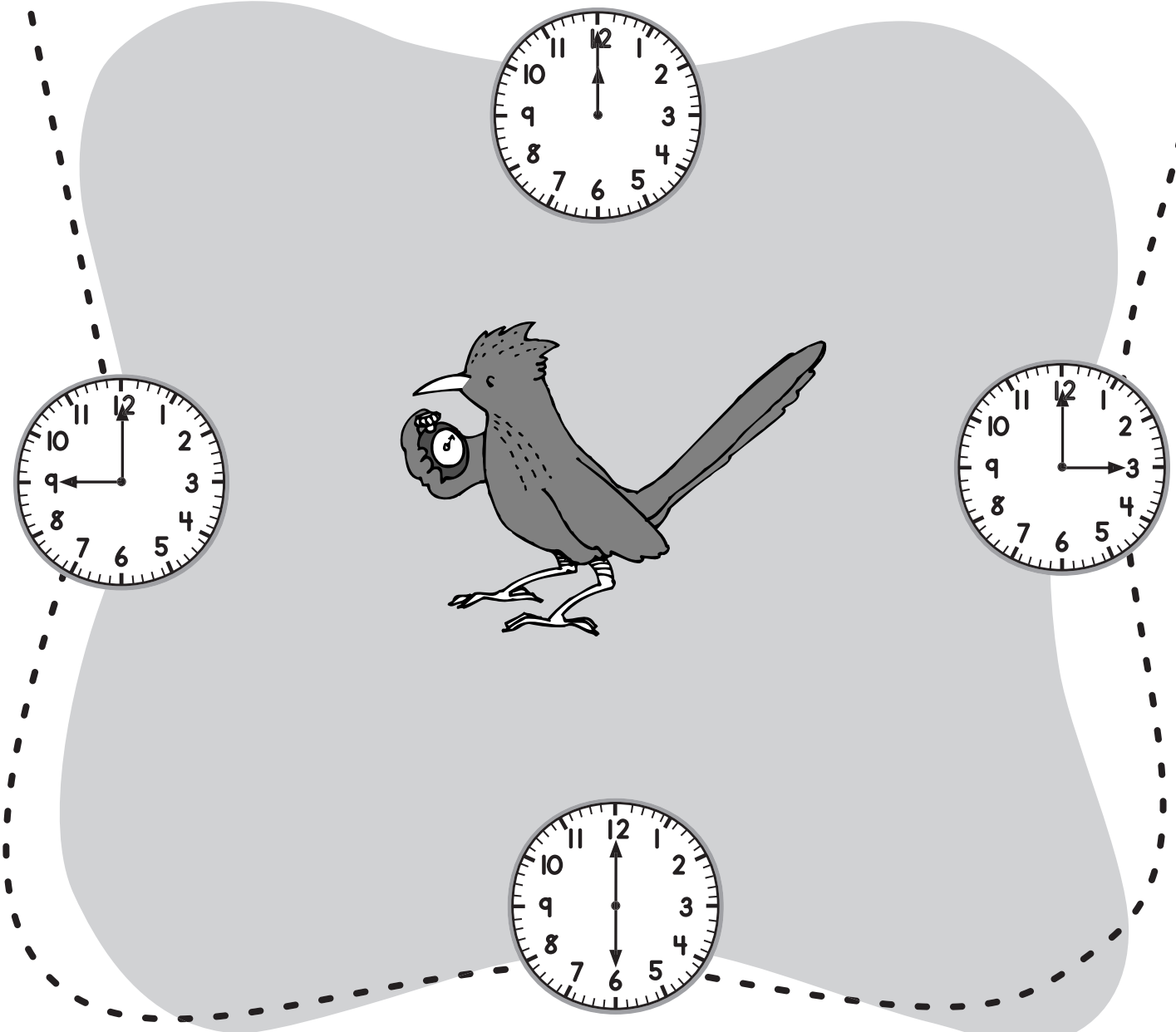
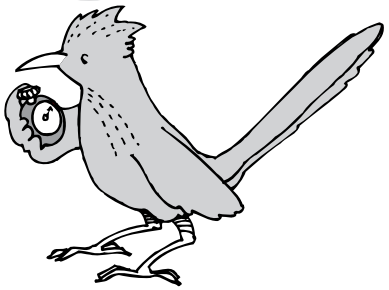
Measurement

- Tell time to the minute, identify the time of day, and find elapsed times 194
- Use a schedule and calendar to answer questions 200
- Choose the appropriate tools and units (metric and standard U.S.) to estimate and measure length, liquid volume, and weight 206
- Carry out simple unit conversions within a system of measurement 212
- Find the perimeter of a polygon.....218
- Determine the area and volume of figures using squares or cubes 224



In Just One Minute



Name _____

You will need a partner and a clock with a second hand to do this activity.

Can you do it in one minute? Try it, and then write **yes** or **no** on the line.

1. Count to 100. _____
2. Put on your shoes and tie them. _____
3. Write the alphabet. _____
4. Sing a song. _____

How many times can you do it in one minute?

1. Touch your toes. _____ times
2. Hop on one foot. _____ times
3. Snap your fingers. _____ times
4. Write your whole name. _____ times

Tell time to the minute, identify the time of day, and find elapsed times

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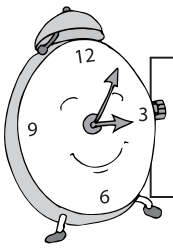
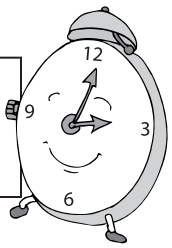
A.M. or P.M.?

Name _____



a.m.—the hours from midnight to just before noon
p.m.—the hours from noon until just before midnight



Write **a.m.** or **p.m.** to tell the time of day each event usually happens.

1. wake up and turn off the alarm clock a.m.

2. have a snack after school _____

3. help wash the dinner dishes _____

4. get out of bed _____

5. turn off the lights and go to sleep _____

6. dress for school _____

7. go to bed _____

8. do your homework after school _____

9. say good morning to your teacher _____

10. eat a good breakfast _____

List five things you do during each part of the day.

a.m.	**p.m.**
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Tell time to the minute, identify the time of day, and find elapsed times

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To the Minute

Name _____

Write the time to the minute.

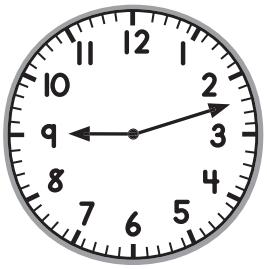
1.

4:28

:

:

2.



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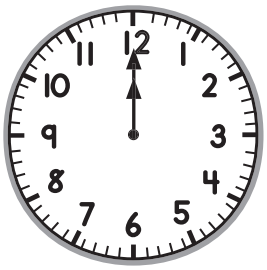

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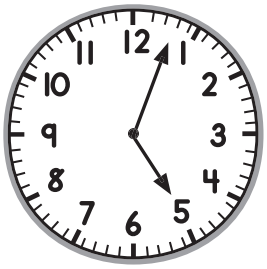

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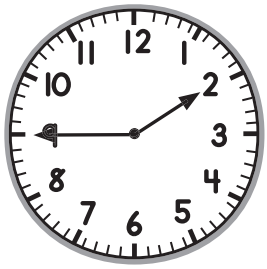

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Tell time to the minute, identify the time of day, and find elapsed times

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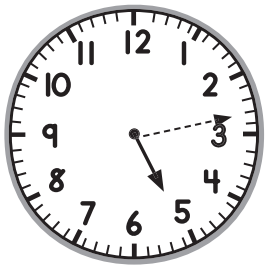
Missing Hands

Name _____

Draw the **minute** hand on each clock face.



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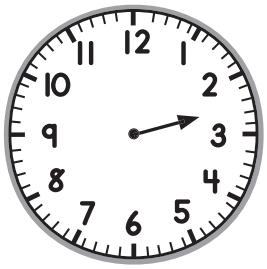

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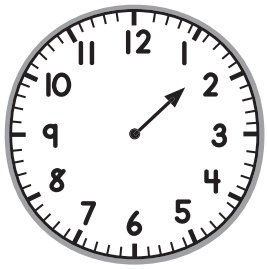
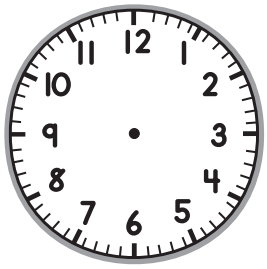
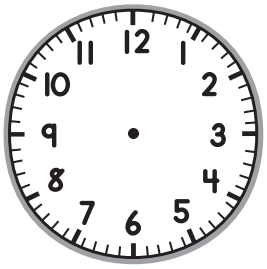


1:28

Draw **both** hands on each clock face.



9:40



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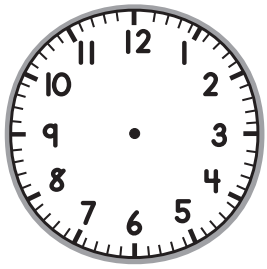
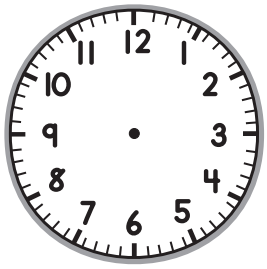


12:33



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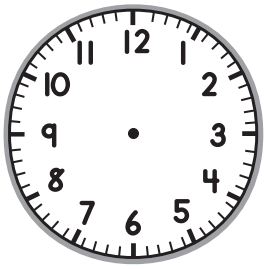
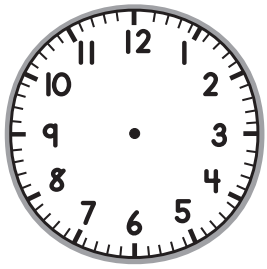


6:32



3:28

Tell time to the minute, identify the time of day, and find elapsed times

Tim's Schedule

Name _____

Tim had a busy Saturday afternoon. Help him figure out his schedule.

Activity	Started	Finished	Time Spent:
1. Returned library books.	12:00	12:25	_____ minutes
2. Mowed the lawn.	1:10	1:55	_____ minutes
3. Fixed a snack.	2:18	2:28	_____ minutes
4. Changed a flat tire on his bike.	2:35	_____	23 minutes
5. Played catch with his friends at the park.	3:15	4:05	_____ minutes
6. Listened to a new CD.	4:15		43 minutes
7. Practiced the trumpet.	_____	6:10	1 hour
8. Set the dinner table for Mom.	6:18	_____	10 minutes
9. Watched television.	8:00	_____	1 hour and 30 minutes

Tell time to the minute, identify the time of day, and find elapsed times

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Name _____

Math Test

Fill in the circle next to the correct answer.

1. What time is it?

Ⓐ 4:20
Ⓑ 4:25
Ⓒ 4:28
Ⓓ 4:30

2. What time is it?

Ⓐ 6:40
Ⓑ 6:42
Ⓒ 6:44
Ⓓ 6:45

3. What time is it?

Ⓐ 12:15
Ⓑ 12:16
Ⓒ 12:17
Ⓓ 12:20

4. What time is it?

Ⓐ 9:00
Ⓑ 9:05
Ⓒ 9:07
Ⓓ 9:10

5. Find the event that usually happens in the a.m.

Ⓐ come home from school
Ⓑ eat breakfast
Ⓒ say, "Good night"
Ⓓ wash the dinner dishes

6. Find the event that usually happens in the p.m.

Ⓐ go to bed
Ⓑ get dressed for school
Ⓒ eat breakfast
Ⓓ say, "Good morning"

7. It is 6:45. What time will it be in 2 hours?

Ⓐ 6:45
Ⓑ 7:45
Ⓒ 8:45
Ⓓ 9:45

8. It is 2:15. What time will it be in 30 minutes?

Ⓐ 2:30
Ⓑ 3:00
Ⓒ 3:15
Ⓓ none of the above

9. It is 5:13. What time was it 1 hour ago?

Ⓐ 3:13
Ⓑ 4:13
Ⓒ 6:13
Ⓓ none of the above

10. It is 11:30. What time will it be in 1 hour and 30 minutes?

Ⓐ 12:00
Ⓑ 12:30
Ⓒ 1:00
Ⓓ 1:30

Tell time to the minute, identify the time of day, and find elapsed times

Make a Calendar

Name _____

Fill in the form to make this month's calendar.

1. Write the name of the month.

2. Write the numbers for the days.

3. Outline the boxes that show the days you go to school this month.

4. Draw a red **X** on today's date.

_____ Name of the month						
Sunday	**Monday**	**Tuesday**	**Wednesday**	**Thursday**	**Friday**	**Saturday**

Use a schedule and calendar to answer questions

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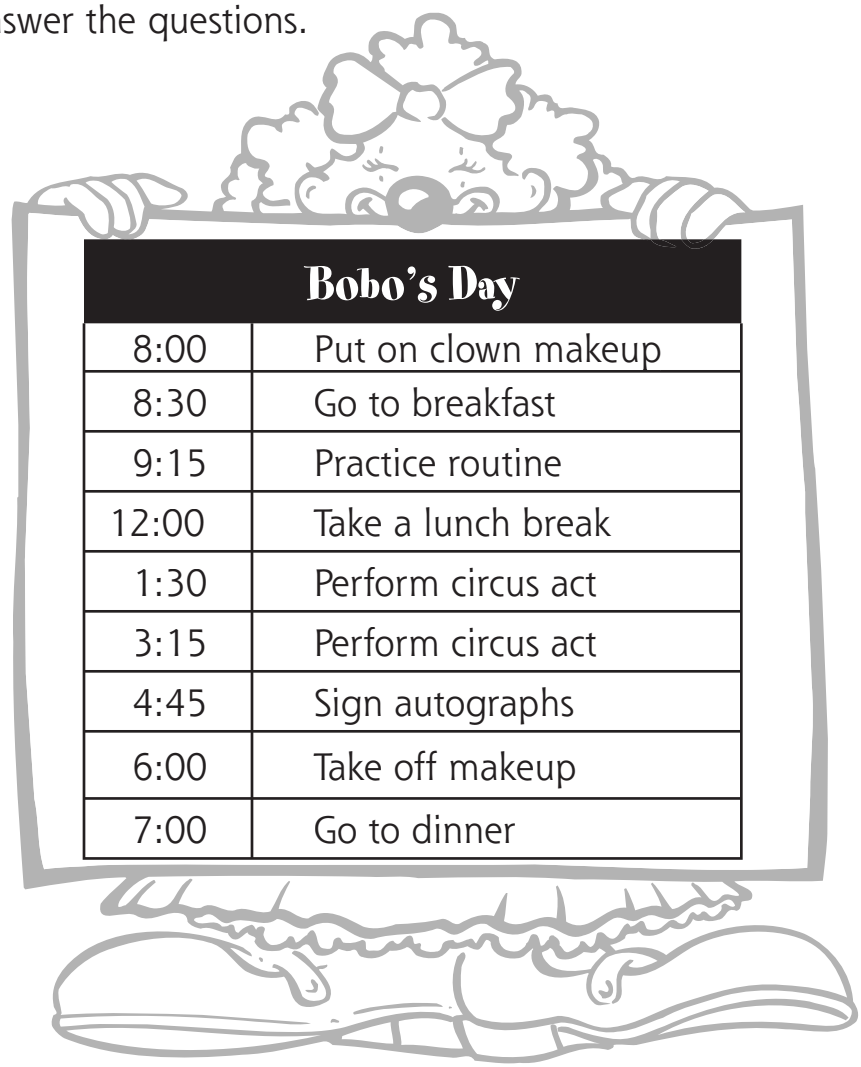
Bobo, the Clown

Name _____

Use the schedule to answer the questions.



Bobo's Day	
8:00	Put on clown makeup
8:30	Go to breakfast
9:15	Practice routine
12:00	Take a lunch break
1:30	Perform circus act
3:15	Perform circus act
4:45	Sign autographs
6:00	Take off makeup
7:00	Go to dinner

1. How many hours does Bobo wear his clown makeup? _____ hours

2. At what time does Bobo practice his routine? _____

3. How many times a day does Bobo perform his circus act? _____ times

4. At what times are Bobo's meals?

_____ _____ _____

5. What does Bobo do at 4:45?

_____

Use a schedule and calendar to answer questions

Reading a Calendar

Name _____

Blanca kept this calendar for October. Use it to answer the questions.

October						
Sunday	**Monday**	**Tuesday**	**Wednesday**	**Thursday**	**Friday**	**Saturday**
		1	2	3	4	5
6	7	8	9 Dentist	10	11	12
13	14 Columbus Day	15	16	17	18	19 Mall
20	21	22	23	24	25	26
27 Visit Grandma	28	29	30	31 Halloween		

1. What day of the week is…?

October 13 _____ October 19 _____

October 22 _____ October 30 _____

2. How many Sundays were in October? _____

3. How many days in October were probably school days? _____

4. What holiday was celebrated on October 31? _____

5. Where did Blanca go on October 27? _____

6. On what day of the week did Blanca go to the dentist? _____

Use a schedule and calendar to answer questions

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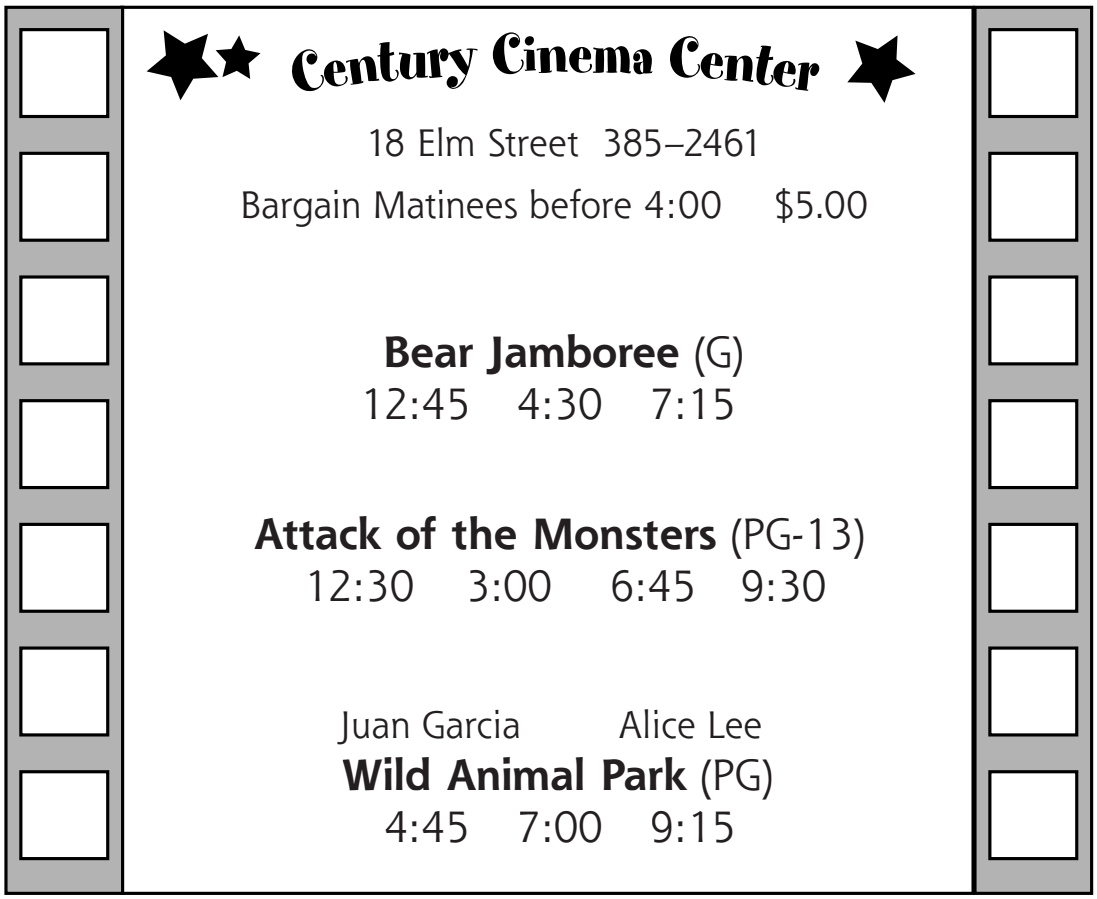
Movie Schedule

Name _____

Read the movie schedule to answer the questions.



1. How many movies are showing at Century Cinema? _____

2. Which movie can anyone go to see? _____

Explain your answer.

_____

3. At what time is the first showing of **Bear Jamboree**? _____

4. When is the last time you can see **Attack of the Monsters**? _____

5. How much does a ticket cost if you go before 4:00? _____

6. Who is starring in **Wild Animal Park**? _____

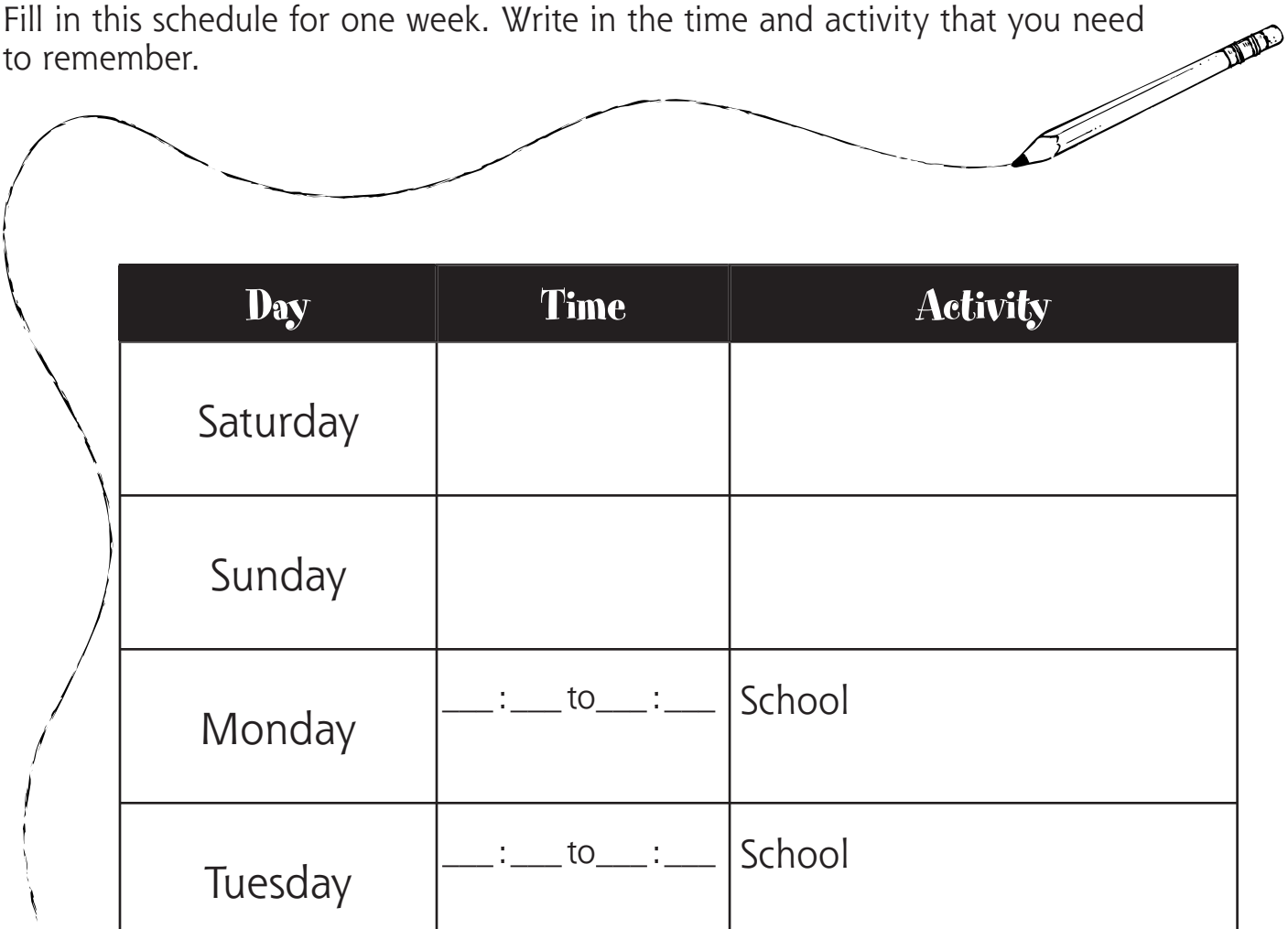
Use a schedule and calendar to answer questions

_____'s Schedule

Name _____

your name

Fill in this schedule for one week. Write in the time and activity that you need to remember.



Day	Time	Activity
Saturday		
Sunday		
Monday	___ : ___ to ___ : ___	School
Tuesday	___ : ___ to ___ : ___	School
Wednesday	___ : ___ to ___ : ___	School
Thursday	___ : ___ to ___ : ___	School
Friday	___ : ___ to ___ : ___	School

Use a schedule and calendar to answer questions

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Name _____

Math Test

Fill in the circle next to the correct answer.

November						
Sun	Mon	Tues	Wed	Thurs	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

1. What day of the week is November 25?

Ⓐ Monday Ⓒ Wednesday
Ⓑ Tuesday Ⓓ Thursday

2. What day comes after Saturday?

Ⓐ Friday Ⓒ Monday
Ⓑ Sunday Ⓓ Thursday

3. How many days are in November?

Ⓐ 27 Ⓒ 30
Ⓑ 29 Ⓓ 31

4. What is the date of the third Thursday?

Ⓐ 4 Ⓒ 18
Ⓑ 11 Ⓓ 27

5. How many Sundays are there in November?

Ⓐ 2
Ⓑ 3
Ⓒ 4
Ⓓ 5

Matt's Schedule	
6:00 Get up	12:00 Lunch
8:00 School starts	3:00 School ends
10:30 Recess	5:00 Do homework

6. Read the schedule. What does Matt do at 12:00?

Ⓐ goes to recess
Ⓑ does homework
Ⓒ goes home
Ⓓ eats lunch

7. When does Matt get up?

Ⓐ 6:00 Ⓒ 7:30
Ⓑ 7:00 Ⓓ 8:00

8. How long is Matt at school?

Ⓐ 5 hours
Ⓑ 6 hours
Ⓒ 7 hours
Ⓓ 8 hours

9. What does Matt do at 5:00?

Ⓐ eats lunch
Ⓑ eats dinner
Ⓒ goes home from school
Ⓓ does homework

10. How long is it from the time recess starts until lunchtime?

Ⓐ an hour and a half
Ⓑ a half hour
Ⓒ two hours
Ⓓ one hour

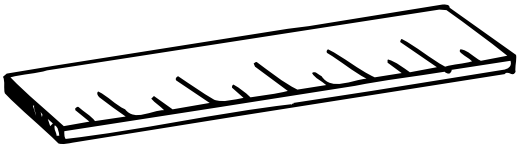
Use a schedule and calendar to answer questions

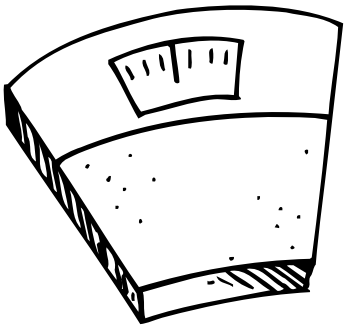
Todd's Tools

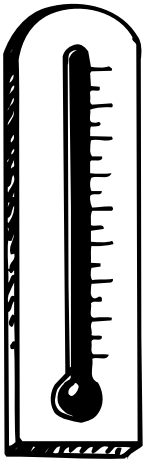
Name _____

Which measuring tool will Todd choose to find the answer to each question?

Draw a line to make a match.







- What time is it?
- How long is the banana?
- Do I need to wear a coat outside?
- Is this one cup of sugar?
- How much do you weigh?
- Is it 8:30 yet?
- How wide is the door?
- Is it warm enough to go swimming?
- Can you measure out three cups of flour?
- Does the chicken weigh more than the turkey?

Choose the appropriate tools and units (metric and standard U.S.) to estimate and measure length, liquid volume, and weight

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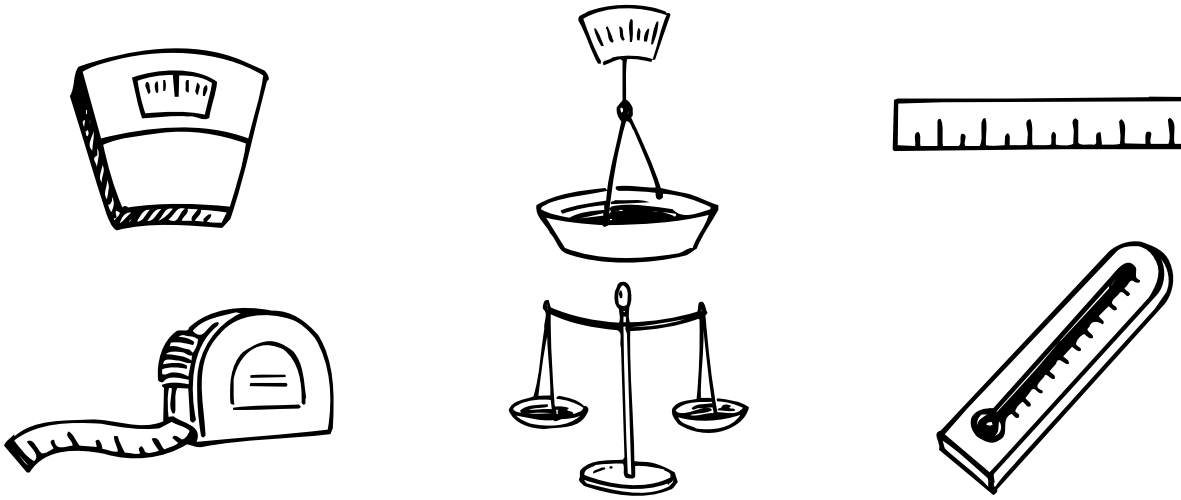
The Winner!

Name _____

Everyone in the neighborhood wanted to win the contest for growing the heaviest pumpkin at the fair. Read the weights to find the winner.

Color the winning pumpkin. Then number the pumpkins from the heaviest (**1**) to the lightest (**5**).

Circle the measuring tools that could be used to measure the weight of the pumpkins.



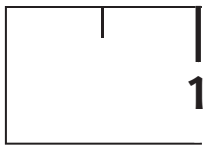
Choose the appropriate tools and units (metric and standard U.S.) to estimate and measure length, liquid volume, and weight

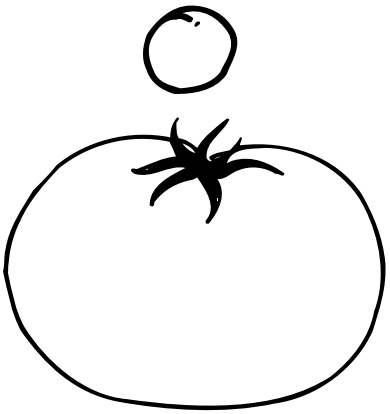
Vegetable Soup

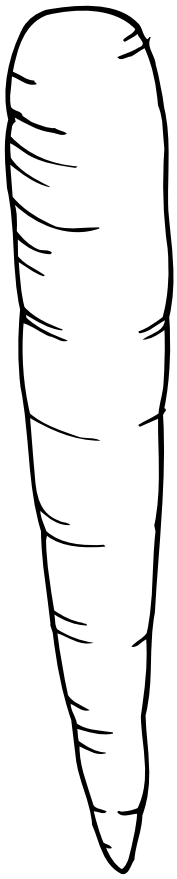
Name _____

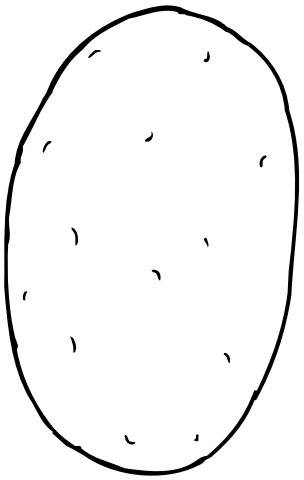
Estimate the length of each vegetable Mrs. Green bought to make a pot of soup. Then use the ruler at the bottom of the page to measure them.

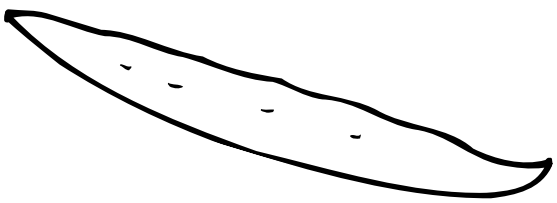
Hint: This is one inch.





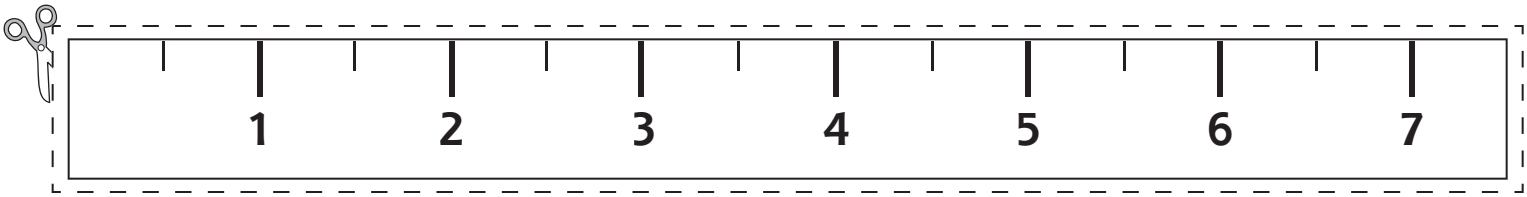






	Estimate	Measure
Carrot	_____	_____
Tomato	_____	_____
Potato	_____	_____
Bean	_____	_____
Squash	_____	_____
Pea	_____	_____

Cut out the ruler.



Choose the appropriate tools and units (metric and standard U.S.) to estimate and measure length, liquid volume, and weight

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Measure It

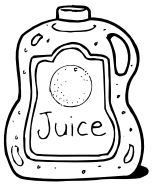
Name _____

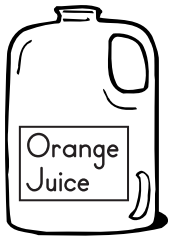
Circle the correct picture. Write the answer on the line.

1. Sara has company coming for breakfast. There will be 4 people. What size orange juice container should she buy?

For 4 people, she should buy a _____.

pint

quart 

gallon 

2. Mom is making hot chocolate for Tim and Tom. What size milk container will she need?

For 2 people, she will need a _____.

pint

quart

gallon

3. Herbert made lemonade for the picnic. There will be 12 kids at the picnic. What size container of lemonade should he make?

For 12 people, he should make a _____.

pint

quart

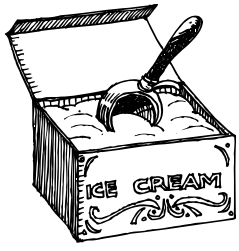
gallon

4. Tina is making ice-cream cones for 6 people. What size container of ice cream should she buy?

For 6 people, she should buy a _____.

pint

quart

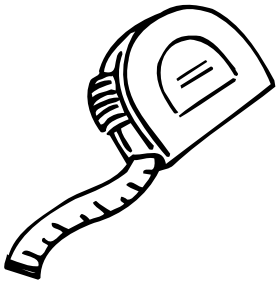
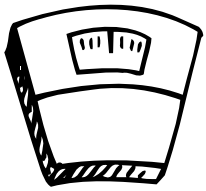
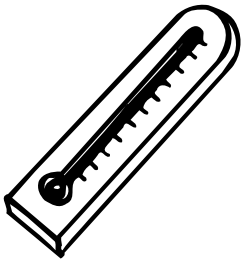
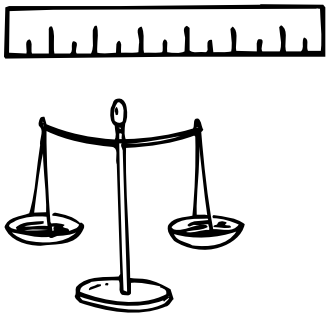
half-gallon 

Choose the appropriate tools and units (metric and standard U.S.) to estimate and measure length, liquid volume, and weight

Ways to Measure

Name _____

Make a list of all the different ways you use measurement. Then name the measurement tool you use to do each.

Ways I Measure	Tools I Use

Choose the appropriate tools and units (metric and standard U.S.) to estimate and measure length, liquid volume, and weight

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Name _____

Math Test

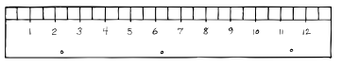
Fill in the circle next to the correct answer.

1. Name the measuring tool.

Ⓐ ruler
Ⓑ scale
Ⓒ tablespoon
Ⓓ thermometer

2. Name the measuring tool.

Ⓐ ruler
Ⓑ scale
Ⓒ tablespoon
Ⓓ thermometer



3. When do you use a scale?

Ⓐ to measure height
Ⓑ to measure weight
Ⓒ to measure temperature
Ⓓ none of the above

4. When do you use a yardstick?

Ⓐ to measure weight
Ⓑ to measure amount
Ⓒ to measure time
Ⓓ to measure height

5. Which tool do you use to measure temperature?

Ⓐ ruler
Ⓑ thermometer
Ⓒ scale
Ⓓ measuring cup

6. What unit of measure would you use to measure liquids?

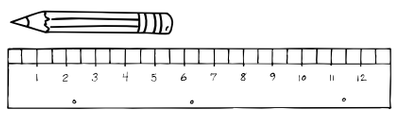
Ⓐ inch
Ⓑ pound
Ⓒ liter
Ⓓ yard

7. Which unit of measure would NOT be used to measure weight?

Ⓐ ounce
Ⓑ gram
Ⓒ pound
Ⓓ centimeter

8. What is the length of the pencil?

Ⓐ $4\frac{1}{2}$ inches
Ⓑ 5 inches
Ⓒ $5\frac{1}{2}$ inches
Ⓓ 6 inches



9. What is the weight of the apples?

Ⓐ 1 pound
Ⓑ $1\frac{1}{2}$ pounds
Ⓒ 2 pounds
Ⓓ 3 pounds

10. Kim is measuring sugar for cookies. What measuring tool should she use?

Ⓐ ruler
Ⓑ measuring cup
Ⓒ thermometer
Ⓓ yardstick

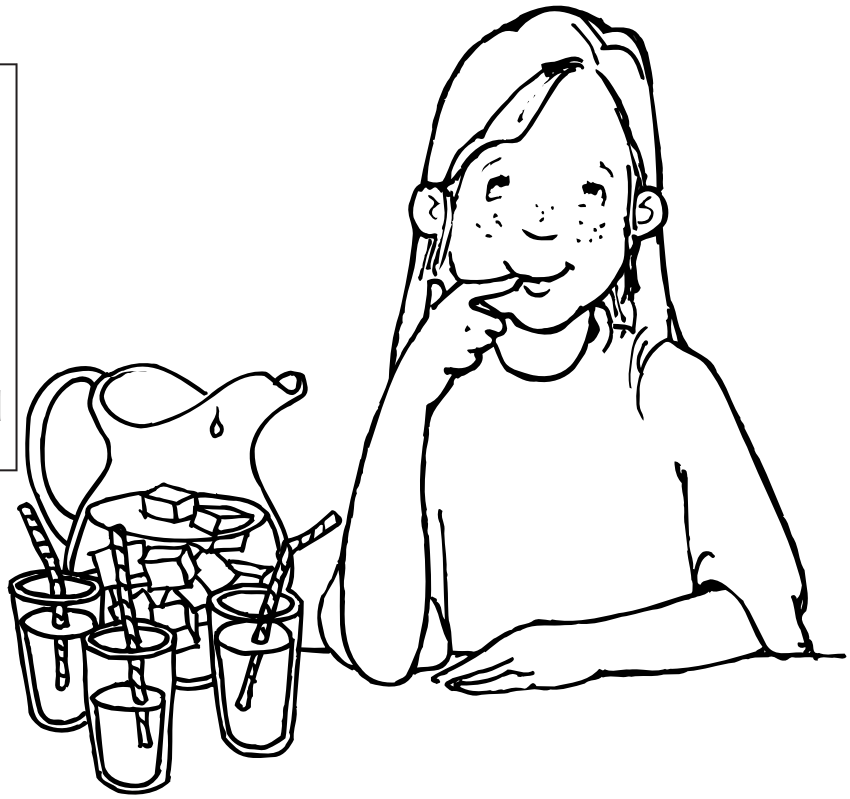
Choose the appropriate tools and units (metric and standard U.S.) to estimate and measure length, liquid volume, and weight

Party Time

Name _____

Read the questions. Find the answers.

4 cups	=	1 quart
2 pints	=	1 quart
4 quarts	=	1 gallon
16 ounces	=	1 pound



Sixteen kids are coming to Sasha's party. How much of each item does she need to buy?

1. She needs 4 ounces of hamburger meat for each person. How many pounds should she buy?

_____ pounds of hamburger meat

2. She needs 1 cup of ice cream for each person. How many quarts should she buy?

_____ quarts of ice cream

3. She needs 2 cups of juice for each person. How many gallons should she buy?

_____ gallons of juice

Carry out simple unit conversions within a system of measurement

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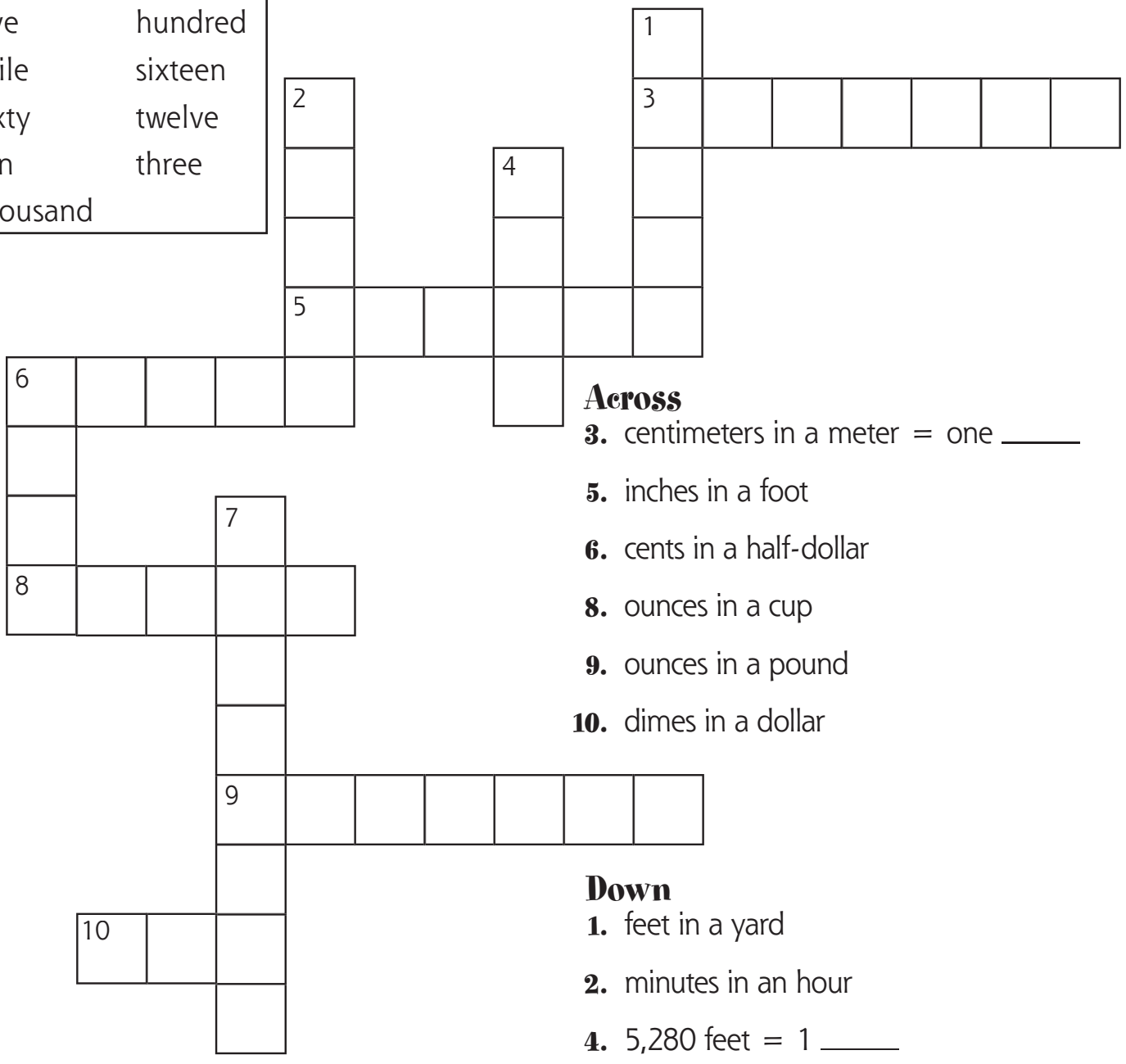
Cross Numbers

Name _____

Use the measurement clues to complete the crossword puzzle.

Word Box	
eight	fifty
five	hundred
mile	sixteen
sixty	twelve
ten	three
thousand	



Across

3. centimeters in a meter = one _____

5. inches in a foot

6. cents in a half-dollar

8. ounces in a cup

9. ounces in a pound

10. dimes in a dollar

Down

1. feet in a yard

2. minutes in an hour

4. 5,280 feet = 1 _____

6. nickels in a quarter

7. pounds in a ton = two _____

Carry out simple unit conversions within a system of measurement

From Time to Time

Name _____

Read the chart. Then use addition or multiplication to find the answers.

1. 7 minutes = _____ seconds
2. 3 hours = _____ minutes
3. 4 days = _____ hours
4. 1 week = _____ days = _____ hours
5. 1 year = _____ months = _____ weeks
6. 5 years = _____ months = _____ weeks

Bonus:

How many days old are you? _____

Carry out simple unit conversions within a system of measurement

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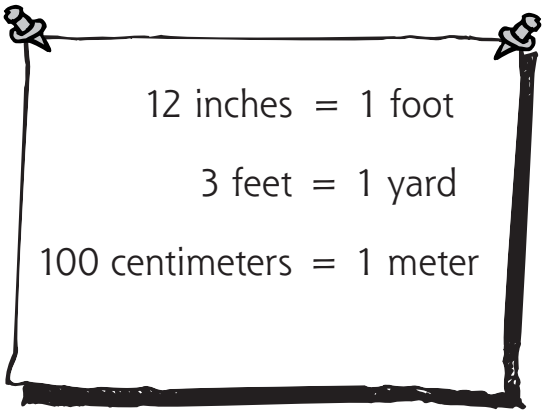
How Long Is It?

Name _____

Read the chart. Then use addition, multiplication, or division to find the answers.



1. How many inches are in 1 yard? _____ inches	**2.** How many yards do 27 feet equal? _____ yards
3. How many centimeters are in 6 meters? _____ centimeters	**4.** Which is more—2 yards or 48 inches? _____ Explain your answer. _____
5. Which is more—6 meters or 300 centimeters? _____ Explain your answer. _____	**6.** Which is more—54 inches, $4\frac{1}{2}$ feet, or 1 yard? _____ Explain your answer. _____

Carry out simple unit conversions within a system of measurement

Fill It Up!

Name _____

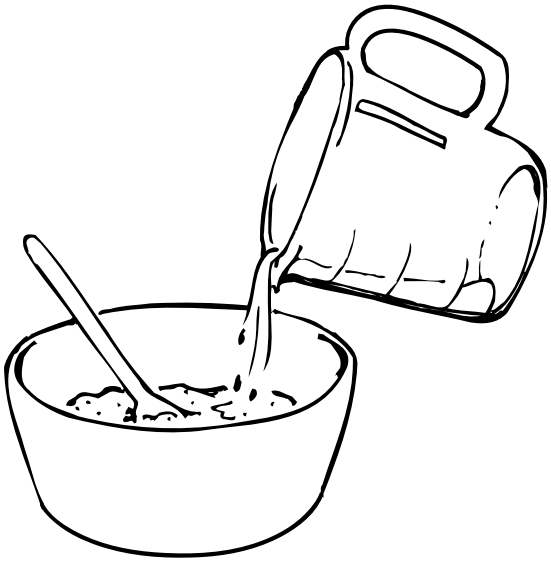
Figure out the correct amount.

8 ounces = 1 cup

2 cups = 1 pint

2 pints = 1 quart

4 quarts = 1 gallon



1. How many cups would you need to fill each container?

1 quart = _____ cups

1 gallon = _____ cups

3 quarts = _____ cups

2 pints = _____ cups

2. How many pints would you need to fill each container?

1 quart = _____ pints

1 gallon = _____ pints

5 quarts = _____ pints

$2\frac{1}{2}$ gallons = _____ pints

Use these symbols to compare the amounts.

<	=	>
less than	equal to	greater than

3. 2 cups ◯ 1 quart

16 ounces ◯ 1 pint

4. 2 pints ◯ 3 cups

8 cups ◯ 2 quarts

5. 4 quarts ◯ 3 pints

6 pints ◯ 1 gallon

Carry out simple unit conversions within a system of measurement

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Name _____

Math Test

Fill in the circle next to the correct answer.

1. How many inches are in one foot?
- Ⓐ 10
- Ⓑ 12
- Ⓒ 24
- Ⓓ 36

2. How many centimeters are in one meter?
- Ⓐ 24
- Ⓑ 50
- Ⓒ 100
- Ⓓ 300

3. How many ounces are in one pound?
- Ⓐ 12
- Ⓑ 16
- Ⓒ 20
- Ⓓ 24

4. 36 inches equals _____
- Ⓐ one foot
- Ⓑ one meter
- Ⓒ one yard
- Ⓓ none of the above

5. If there are 4 cups in a quart, how many cups are in a gallon?
- Ⓐ 4
- Ⓑ 8
- Ⓒ 12
- Ⓓ 16

6. 600 centimeters equals _____
- Ⓐ one meter
- Ⓑ three meters
- Ⓒ six meters
- Ⓓ eight meters

7. 2 yards equals _____ inches
- Ⓐ 12
- Ⓑ 24
- Ⓒ 48
- Ⓓ 72

8. Which of these is the longest?
- Ⓐ 3 feet
- Ⓑ 2 yards
- Ⓒ 54 inches
- Ⓓ none of the above

9. Which of these is equal to 3 feet?
- Ⓐ 2 yards
- Ⓑ 36 inches
- Ⓒ 30 inches
- Ⓓ none of the above

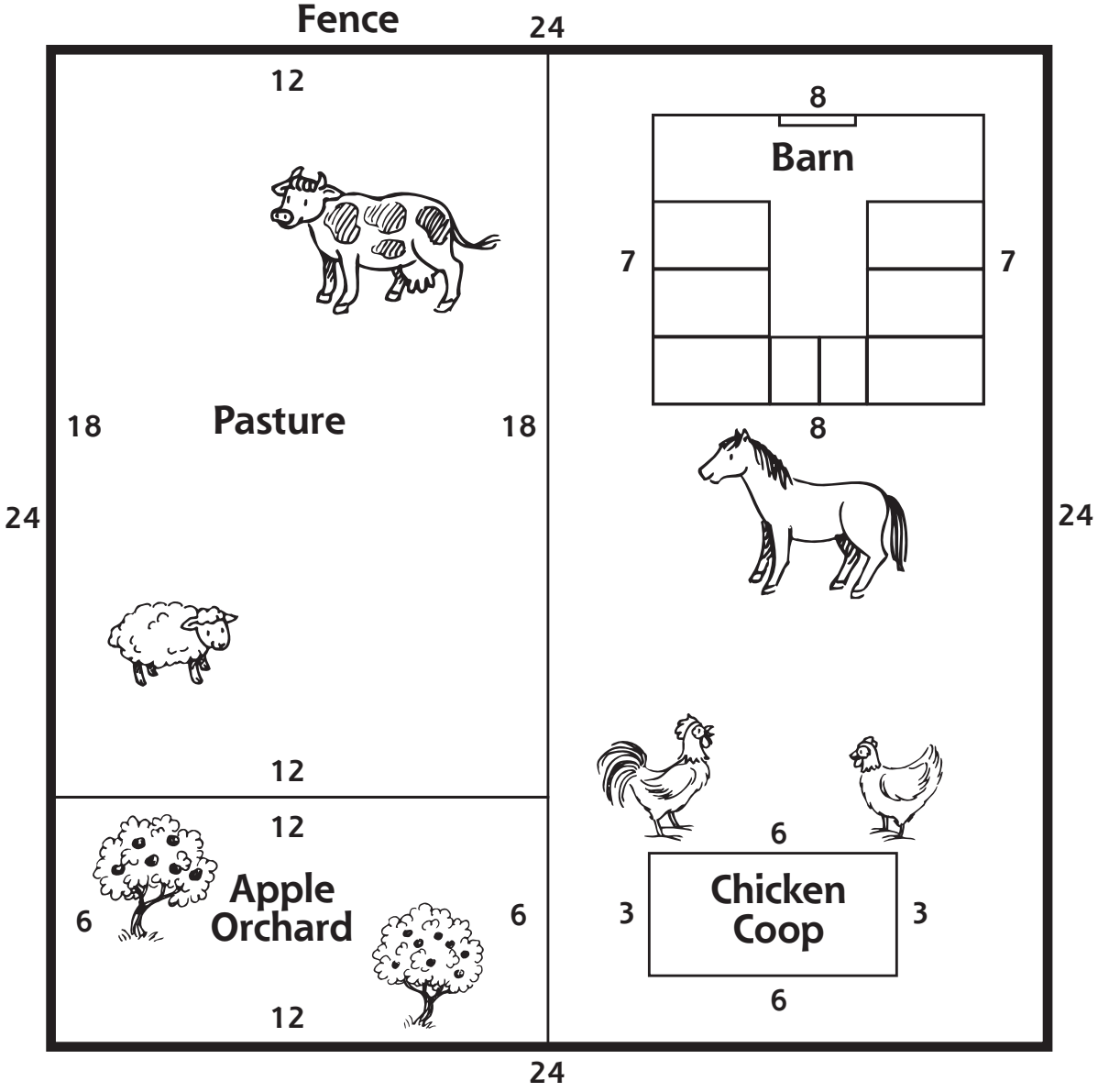
10. Ana needs 8 cups of juice. Which of these should she buy to get just the right amount?
- Ⓐ 2 pints
- Ⓑ 1 quart
- Ⓒ 2 gallons
- Ⓓ 2 quarts

Carry out simple unit conversions within a system of measurement

Bird's-Eye View

Name _____

This is a bird's-eye view of Old McDonald's farm. Add to find each perimeter.



1. The perimeter of the fence is _____.

2. The perimeter of the barn is _____.

3. The perimeter of the chicken coop is _____.

4. The perimeter of the pasture is _____.

5. The perimeter of the apple orchard is _____.

Find the perimeter of a polygon

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Wild Animals

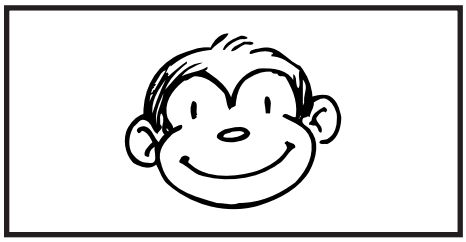
Name _____

Cut out the ruler. Find the perimeter of each sticker in centimeters.

1. The perimeter is _____ cm.

2. The perimeter is _____ cm.

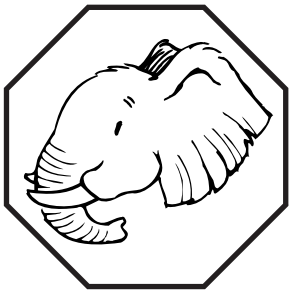
3. The perimeter is _____ cm.

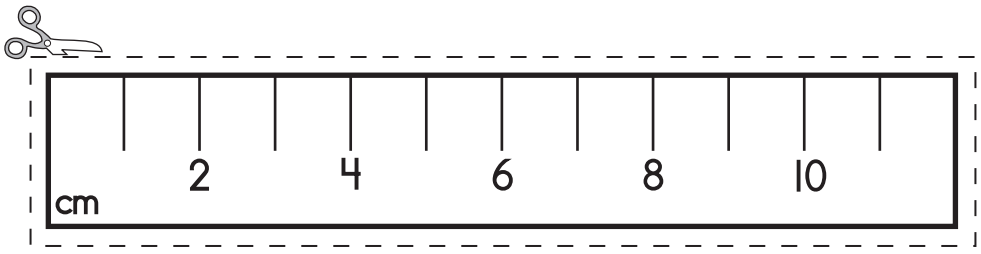


4. The perimeter is _____ cm.

5. The perimeter is _____ cm.

6. The perimeter is _____ cm.



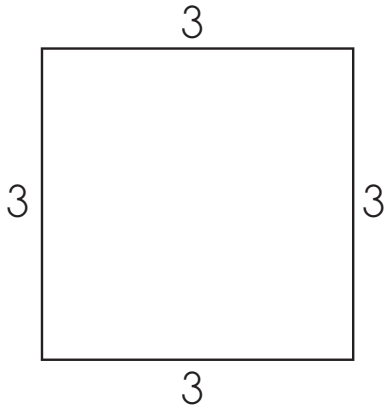


Find the perimeter of a polygon

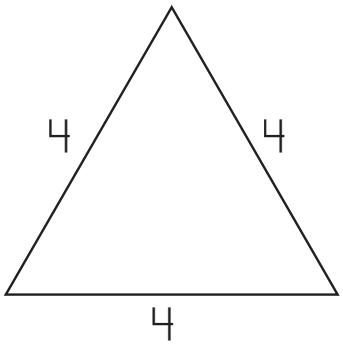
Polygon Perimeters

Name _____

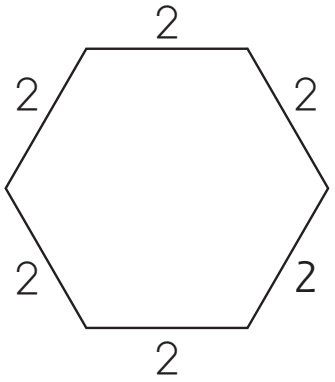
Add to find the perimeters.



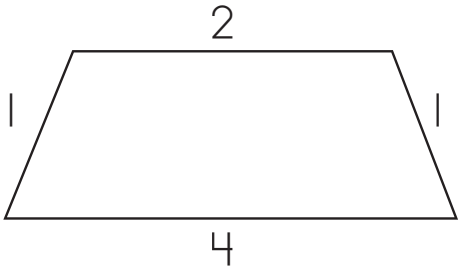
1. _____



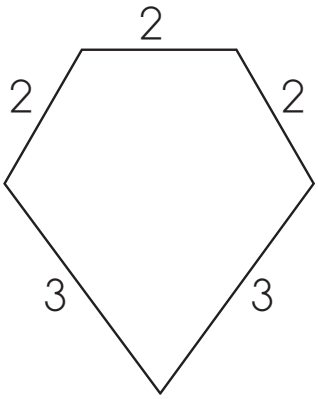
2. _____



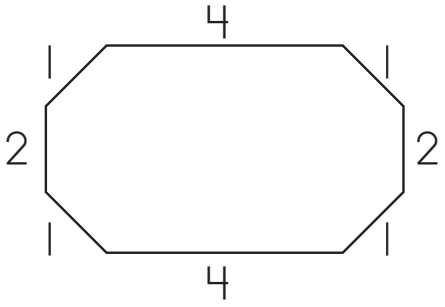
3. _____



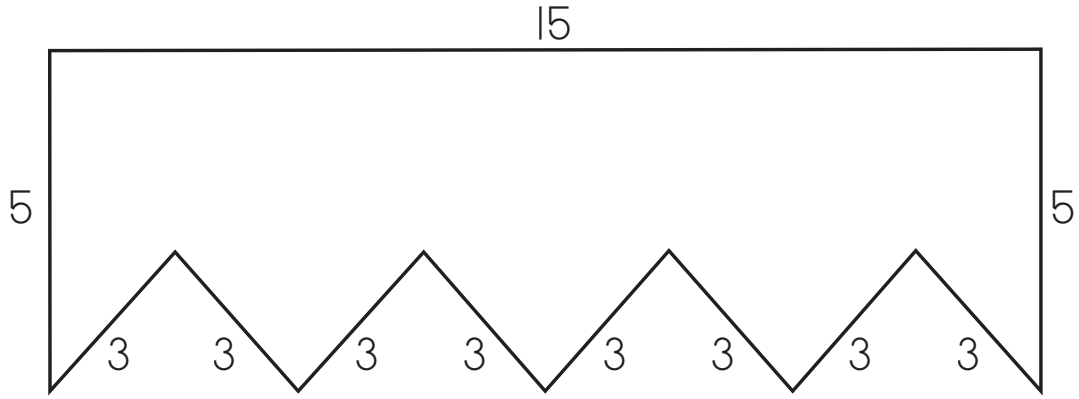
4. _____



5. _____



6. _____



7. _____

Find the perimeter of a polygon

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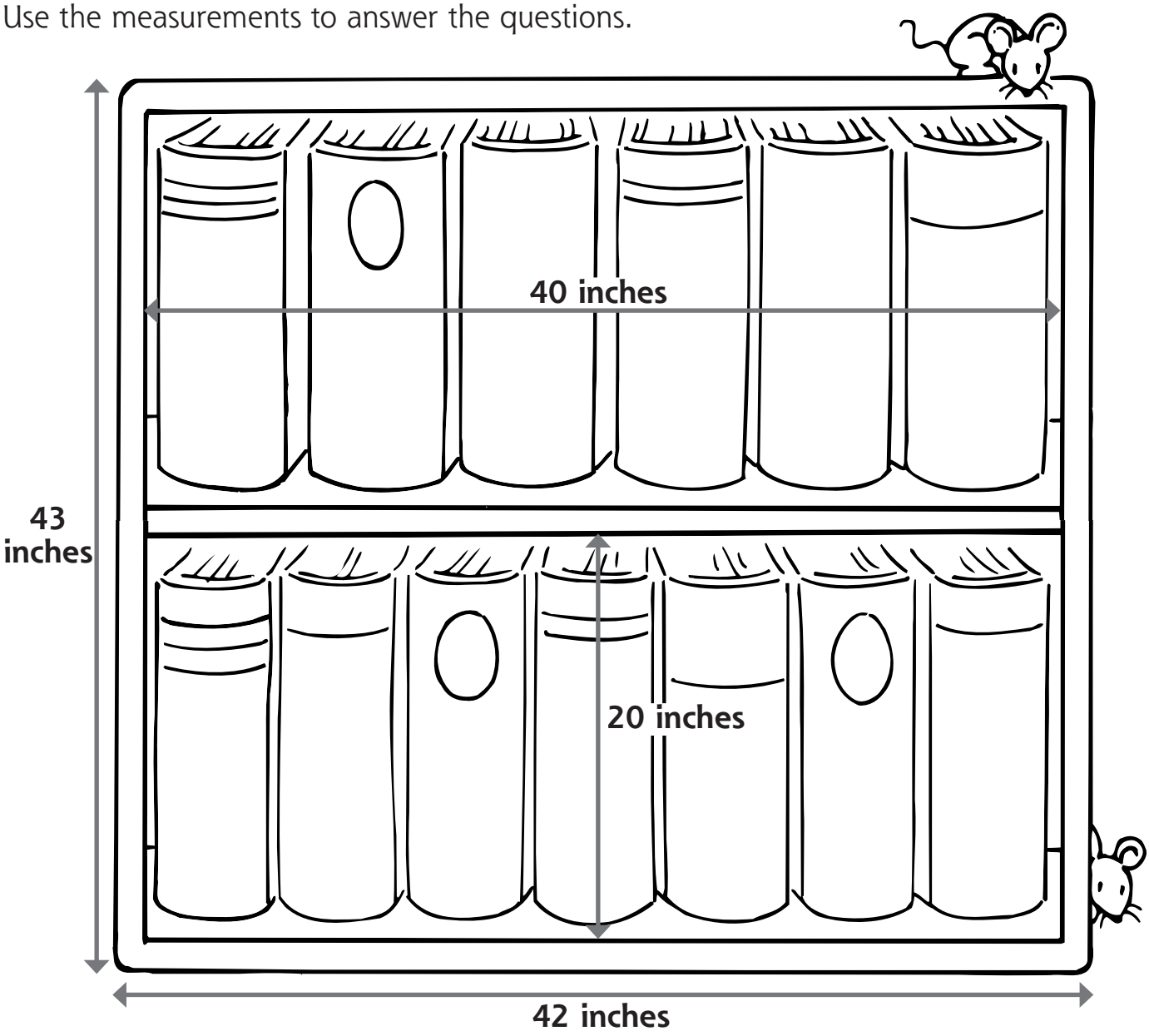
A New Bookcase

Name _____

Father built a bookcase for Edgar's bedroom.
Use the measurements to answer the questions.



1. How tall is the bookcase? _____

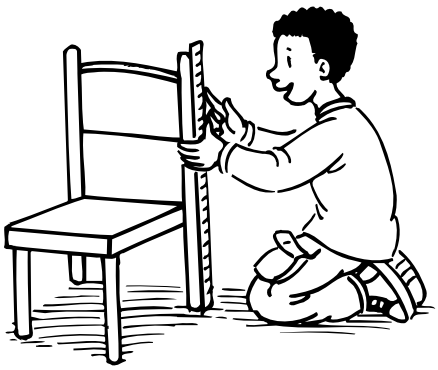
2. How wide is the bookcase? _____

3. What is the perimeter of the bookcase? _____

Find the perimeter of a polygon

Measure in Class

Name _____

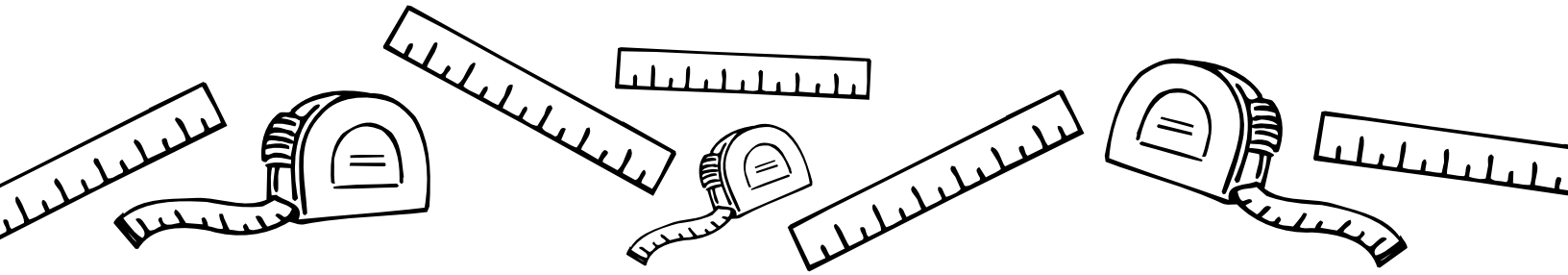


You will need an inch or a centimeter ruler.
Measure and find the perimeter of each object.

1. The perimeter of my desktop is _____ .

2. The perimeter of my chair seat is _____.

3. The perimeter of my math book cover is _____.



Find at least three more objects in the classroom. Measure and find their perimeters.

Object	Perimeter
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Find the perimeter of a polygon

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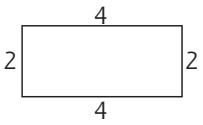
Name _____

Math Test

Fill in the circle next to the correct answer.

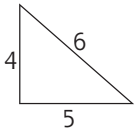
1. What does **perimeter** mean?
- Ⓐ a shape with five sides
- Ⓑ a kind of ruler
- Ⓒ the distance around something
- Ⓓ none of the above

2. Find the perimeter.



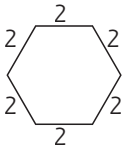
- Ⓐ 2
- Ⓑ 4
- Ⓒ 8
- Ⓓ 12

3. Find the perimeter.



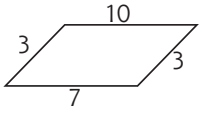
- Ⓐ 10
- Ⓑ 11
- Ⓒ 12
- Ⓓ 15

4. Find the perimeter.



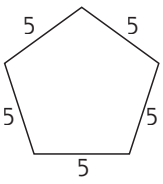
- Ⓐ 6
- Ⓑ 8
- Ⓒ 12
- Ⓓ 16

5. Find the perimeter.



Ⓐ 18 Ⓑ 23 Ⓒ 27 Ⓓ 30

6. Find the number sentence that shows the perimeter.

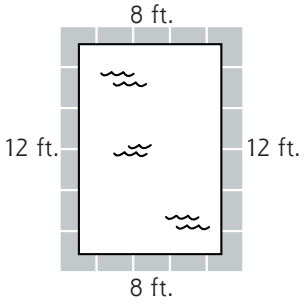


- Ⓐ 5 x 5 = 25
- Ⓑ 5 + 5 + 5 + 5 = 20
- Ⓒ 5 x 5 = 10
- Ⓓ 5 + 5 + 5 + 5 + 5 + 5 = 30

7. Patty Pig's pen is a square with 8-foot sides. What is the perimeter of her pen?
- Ⓐ 16 feet
- Ⓑ 32 feet
- Ⓒ 40 feet
- Ⓓ 48 feet

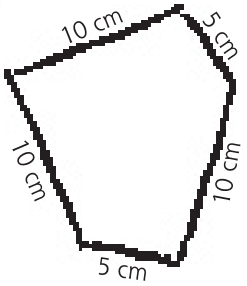
8. Mark drew a pentagon with 4-inch sides. What was the perimeter of his rectangle?
- Ⓐ 12 inches
- Ⓑ 12 feet
- Ⓒ 16 inches
- Ⓓ 20 inches

9. What is the perimeter of this swimming pool?



- Ⓐ 40 inches
- Ⓑ 12 feet
- Ⓒ 40 feet
- Ⓓ 48 inches

10. Kent drew this funny shape. What is the perimeter of his shape?



- Ⓐ 25 centimeters
- Ⓑ 35 centimeters
- Ⓒ 40 centimeters
- Ⓓ 50 centimeters

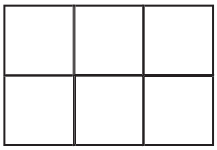
Find the perimeter of a polygon

Animal Pens

Name _____

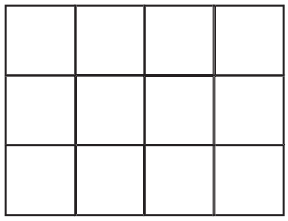
How many tiles are needed to cover the floor of each animal pen?

1.



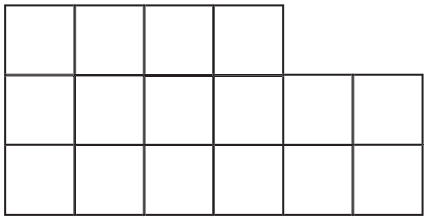
_____ square floor tiles

2.



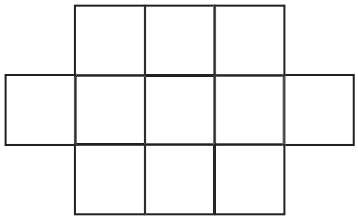
_____ square floor tiles

3.



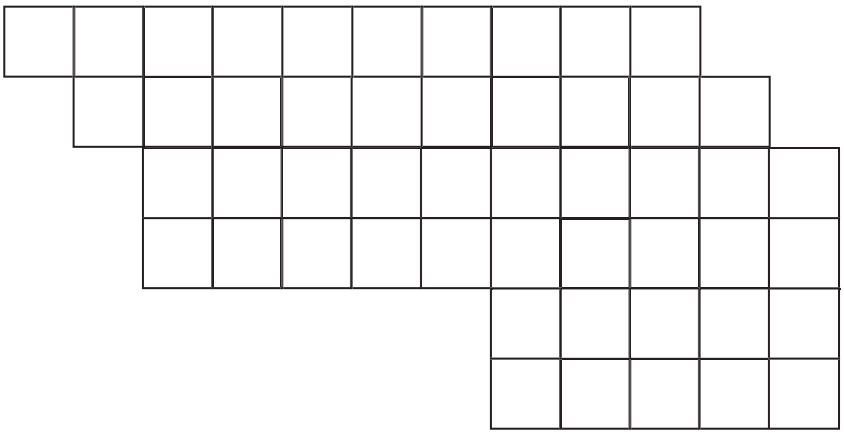
_____ square floor tiles

4.

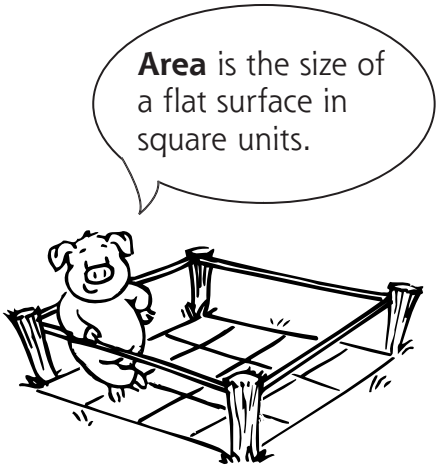


_____ square floor tiles

5.



_____ square floor tiles



Determine the area and volume of figures using squares or cubes

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8 Square

Name _____

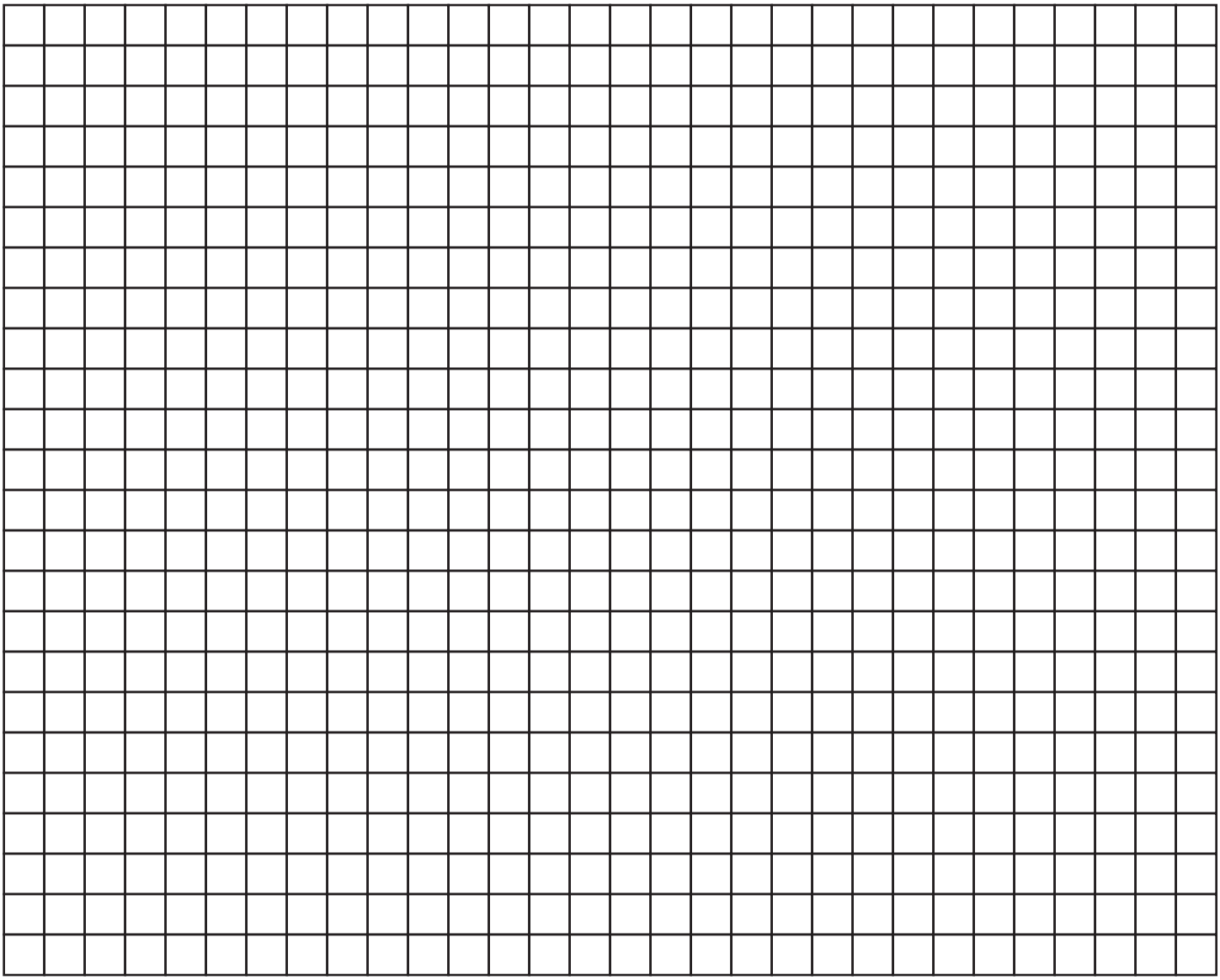
How many different ways can you arrange 8 one-inch square tiles?

1. Cut out the tiles at the bottom of the page.

2. Arrange them with at least one side touching at all times.

3. Draw each pattern you make on the grid below.

4. Count the tiles to find the area of the shape you made.



Determine the area and volume of figures using squares or cubes

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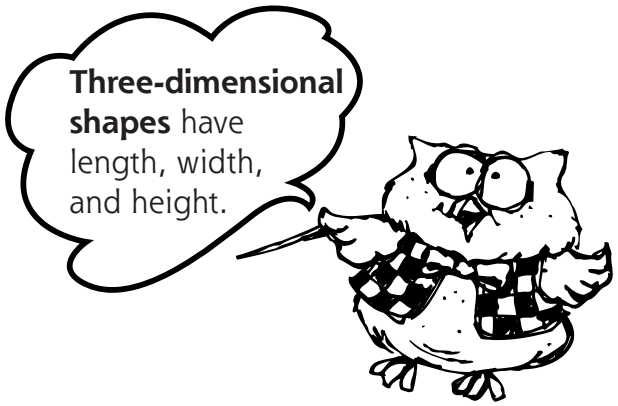
How Big Is It?

Name _____

Cut out the rectangle. Fold along the lines and glue the tabs in place to make a three-dimensional shape.

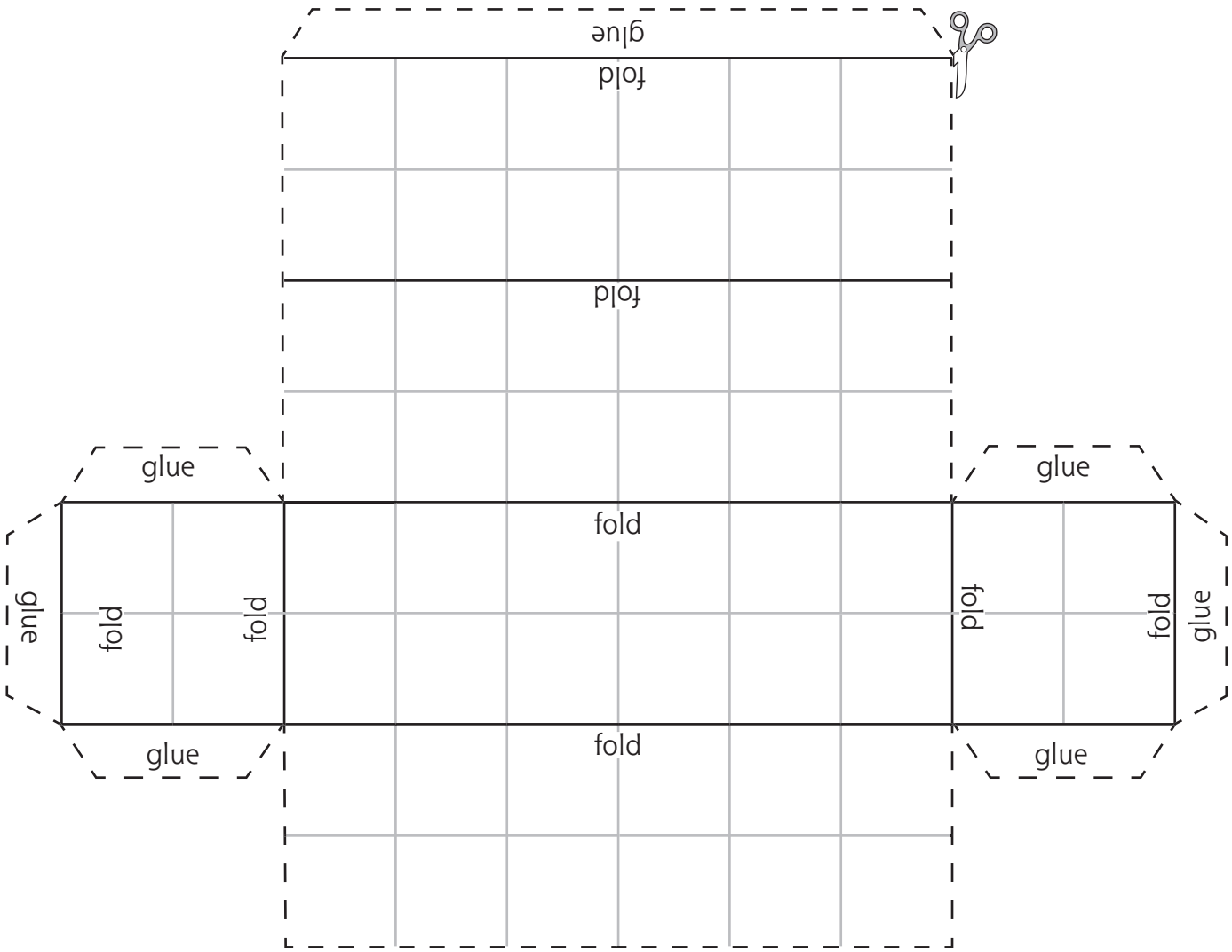
This shape looks like it was made from small cubes. How many cubes were used to make it?

_____



How did you find your answer? _____

_____



Determine the area and volume of figures using squares or cubes

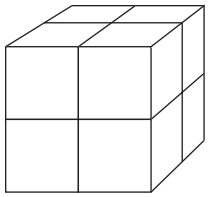
Volume

Name _____

Count the blocks to find the volume of each shape.

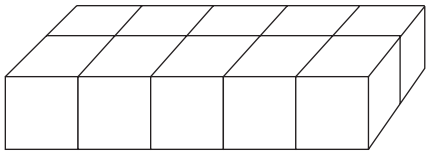
Hint: Don't forget the ones you can't see.

Volume is the amount of space contained in a three-dimensional shape.



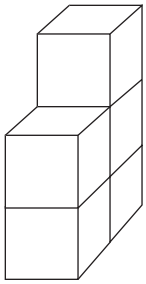
Volume 8

1.



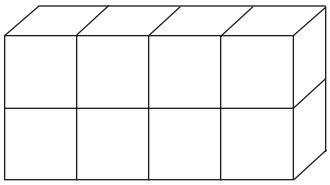
Volume _____

2.



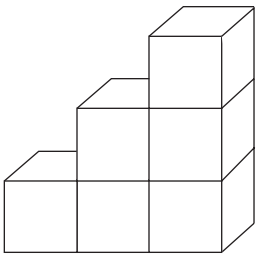
Volume _____

3.



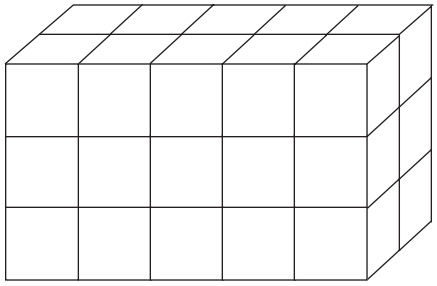
Volume _____

4.



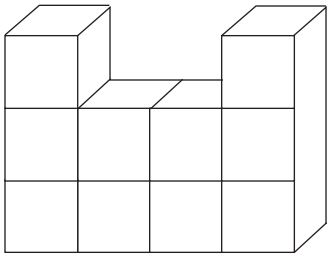
Volume _____

5.



Volume _____

6.



Volume _____

Determine the area and volume of figures using squares or cubes

What's My Area?

Name _____

Cut out the squares at the bottom of the page.
Use them to find the area of each object.

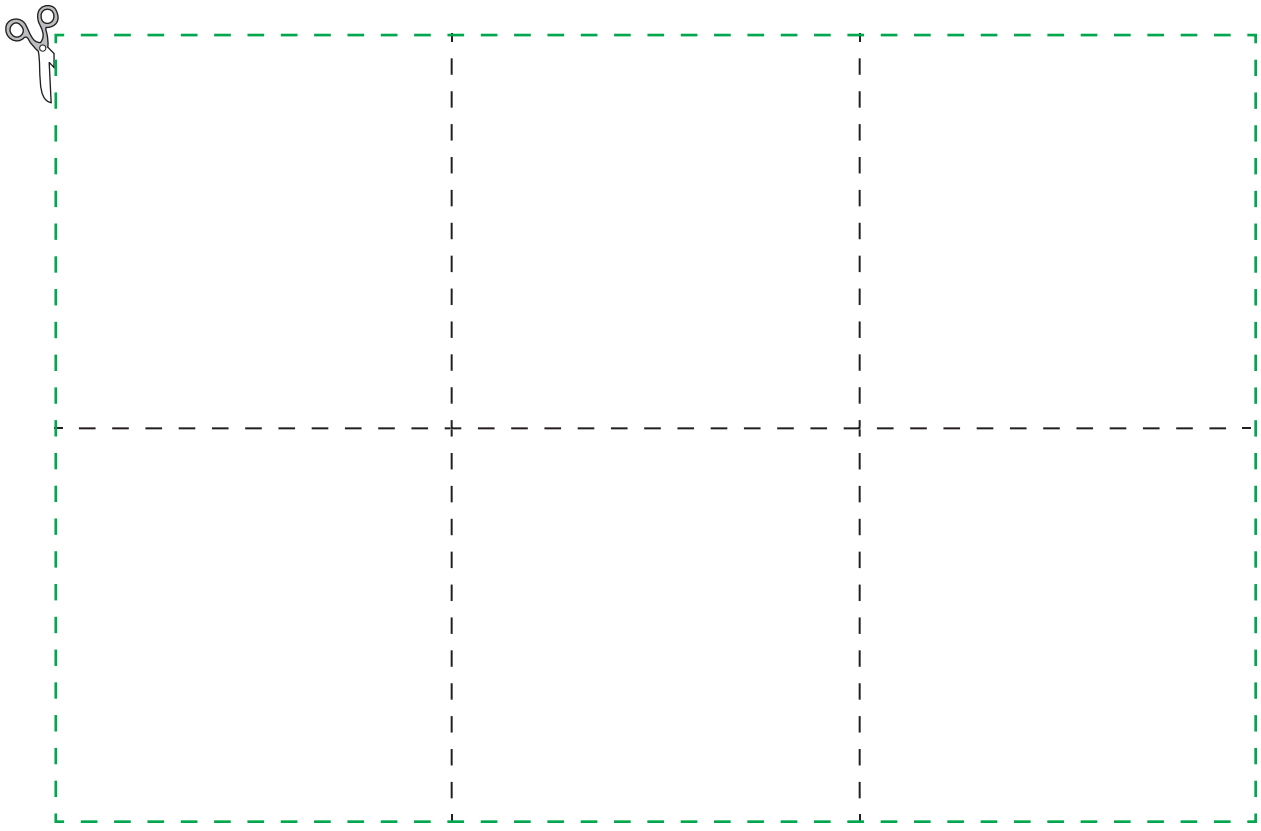
1. The area of my desktop is _____.

2. The area of my chair seat is _____.

3. The area of my math book cover is _____.

Find three more objects in the classroom. Find their areas.

Object	Area
_____	_____
_____	_____
_____	_____



Determine the area and volume of figures using squares or cubes

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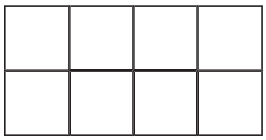
Name _____

Math Test

Fill in the circle next to the correct answer.

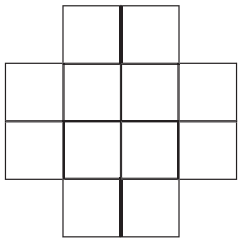
1. What does **area** mean?
- Ⓐ the length of a line
- Ⓑ the weight of an object
- Ⓒ the size of a flat area
- Ⓓ the amount of space in a three-dimensional object

2. Find the area.



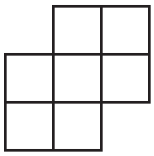
- Ⓐ 4
- Ⓑ 8
- Ⓒ 10
- Ⓓ 12

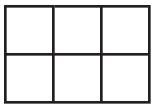
3. Find the area.



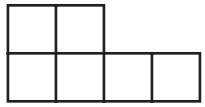
- Ⓐ 12
- Ⓑ 14
- Ⓒ 16
- Ⓓ 20

4. Which shape has the greatest area?

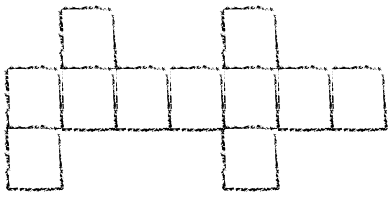
Ⓐ 

Ⓒ 

Ⓑ

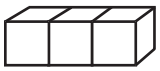
Ⓓ 

5. Angela drew this funny shape. What is the area of her shape?



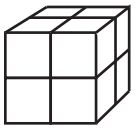
- Ⓐ 10
- Ⓑ 11
- Ⓒ 12
- Ⓓ 14

6. What is the volume of this shape?



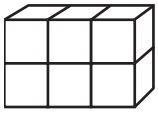
- Ⓐ 1
- Ⓑ 3
- Ⓒ 5
- Ⓓ 7

7. What is the volume of this shape?

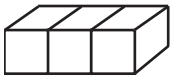


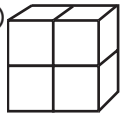
- Ⓐ 2
- Ⓑ 4
- Ⓒ 6
- Ⓓ 8

8. Which shape has the greatest volume?

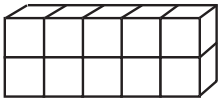
Ⓐ 

Ⓒ

Ⓑ 

Ⓓ 

9. What is the volume of this wall?



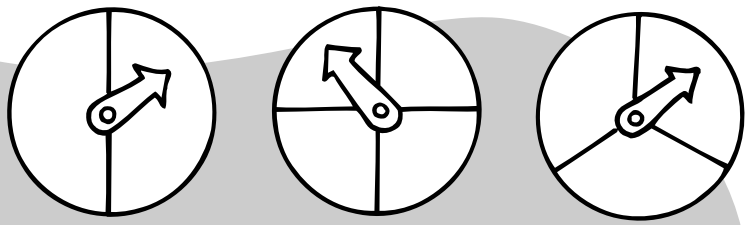
- Ⓐ 10
- Ⓑ 12
- Ⓒ 14
- Ⓓ 17

10. What does **volume** mean?
- Ⓐ the length of a line
- Ⓑ the weight of an object
- Ⓒ the size of a flat area
- Ⓓ the amount of space in a three-dimensional object

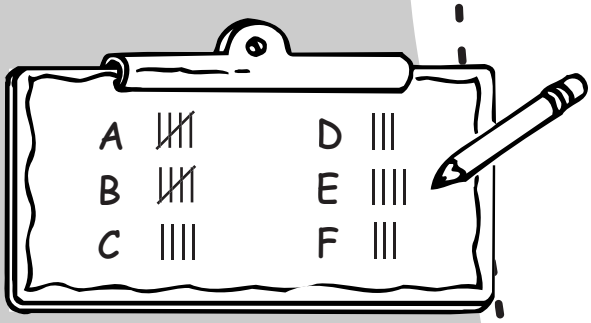
Determine the area and volume of figures using squares or cubes

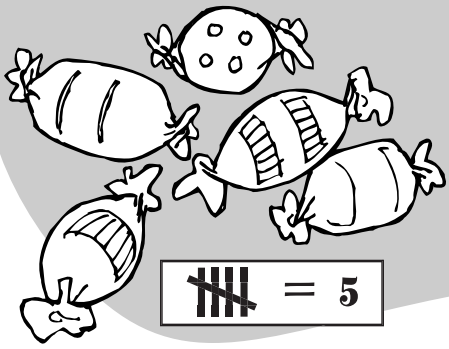
Data Analysis and Probability

- Read and interpret data on various types of graphs.....231
- Collect, record, and classify data.....237
- Explore probability, record possible outcomes, and use results to predict future events.....243



short-eared owl	I
meadowlark	IIII
bobolink	𝍸
barn swallow	𝍸 III
killdeer	III
kestrel	II





𝍸 = 5

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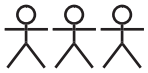
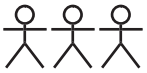
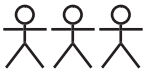
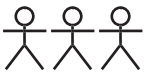
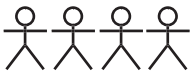
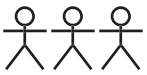
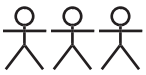
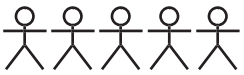
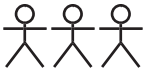
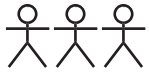
Recess

Name _____

Look at the graph. Then answer the questions.

Number of Children Playing Games at Recess

= 5 children					
Game	**Monday**	**Tuesday**	**Wednesday**	**Thursday**	**Friday**
Four Square					
Tag					
Dodge Ball					
Basketball					

1. What does this symbol stand for? _____

2. What games did the children play?

_____ _____

_____ _____

3. What game did the fewest number of children play last week?

_____

4. What game did the most children play last week?

_____

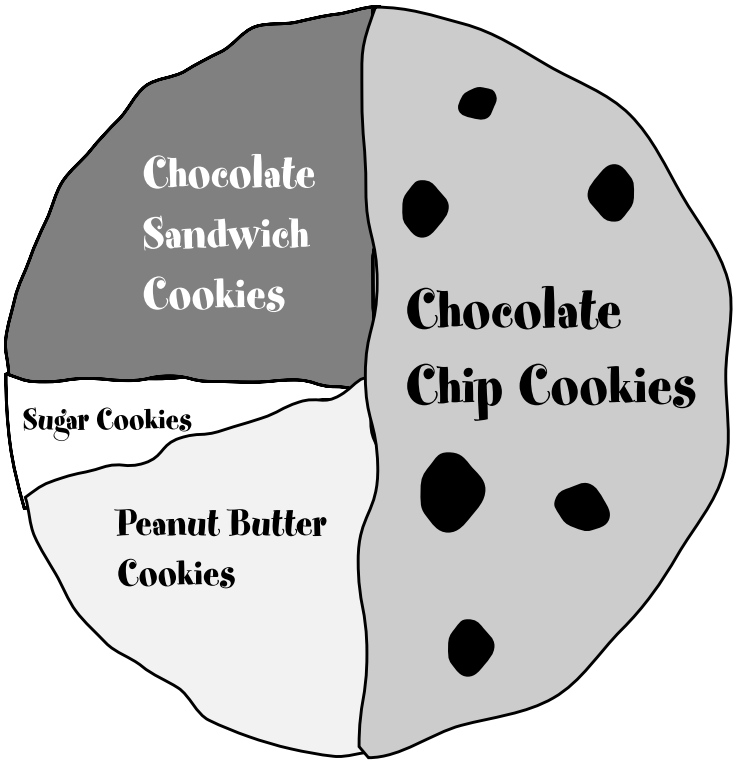
5. How many children played dodge ball on Friday? _____ children

Read and interpret data on various types of graphs

Cookies

Name _____

This circle graph shows the different cookies in Max's cookie jar. Read the graph and answer the questions. Circle the letter under **True** or **False** for each answer. Then write that letter on the line with that statement's number.



	True	False
1. Most of the cookies were chocolate chip.	I	N
2. There were more sugar cookies than peanut butter cookies.	A	K
3. There were more chocolate sandwich cookies than sugar cookies.	M	F
4. The fewest number of cookies were peanut butter cookies.	K	L

What is the best thing to have with cookies?

3	1	4	2

Read and interpret data on various types of graphs

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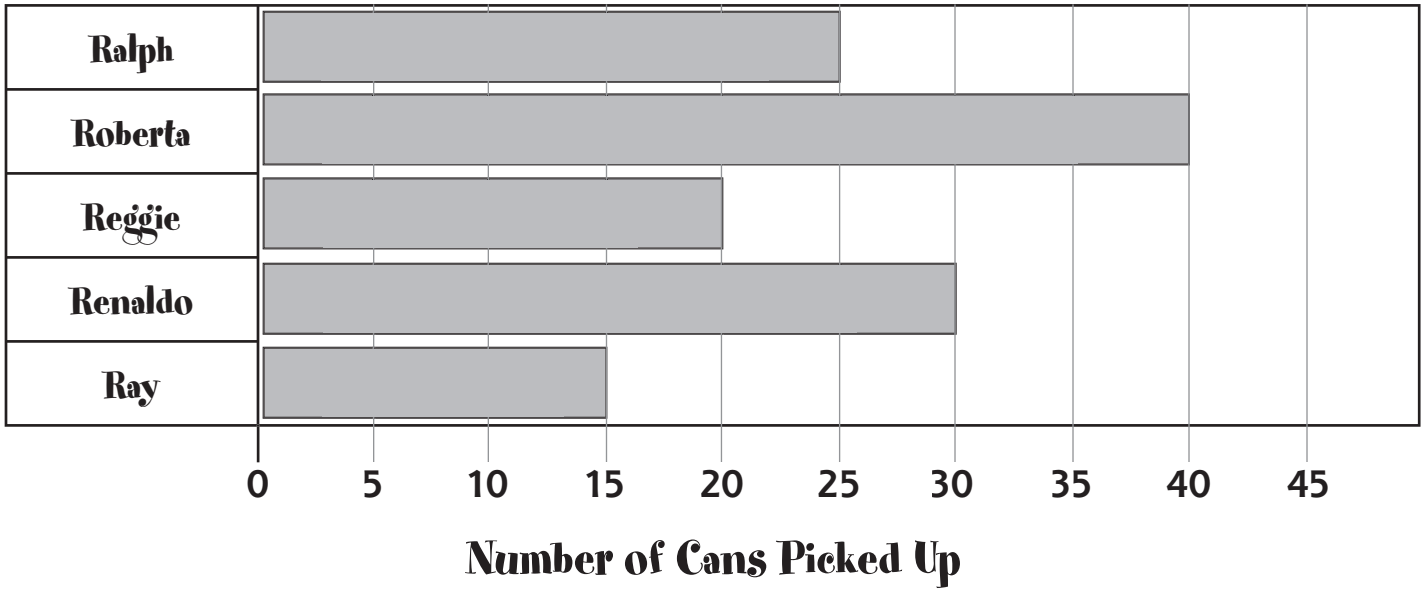
Recycle Race

Name _____

Ralph and his friends had a race to see who could collect the most aluminum cans in one week. The graph shows how many cans each person picked up.



1. Who picked up the most cans? _____

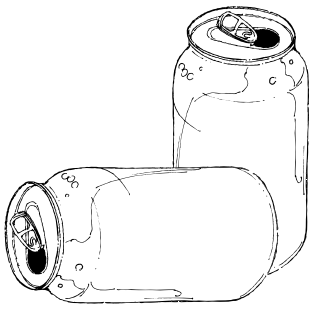
2. Who picked up the fewest cans? _____

3. How many cans did Reggie pick up? _____

4. Which person picked up 30 cans? _____

5. Who picked up 5 more cans than Ray? _____

6. How many more cans did Roberta pick up than Ralph? _____

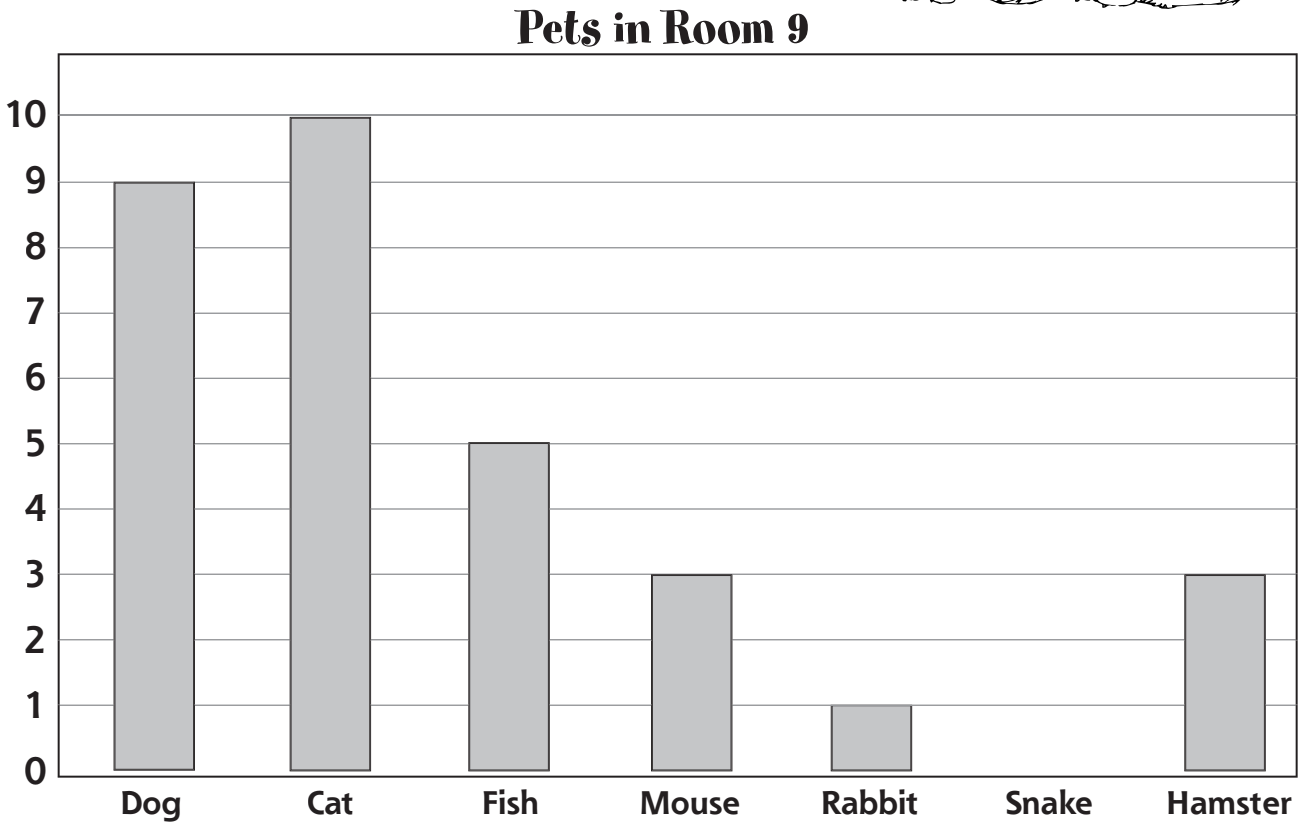


Read and interpret data on various types of graphs

Pets

Name _____

This graph shows information about the pets that belong to children in Mr. Conrad's class. Look at the graph and answer the questions.



1. What is the subject of this graph? _____

2. How many pets are dogs? _____

3. Which pet do the children have the most of? _____

4. How many more fish are pets than snakes? _____

5. Which animal is **not** a pet for any child in Room 9? _____

6. There are 20 children in Mr. Conrad's class.
Do some of the children have more than one pet? **Yes** **No**

Explain your answer.

_____

Read and interpret data on various types of graphs

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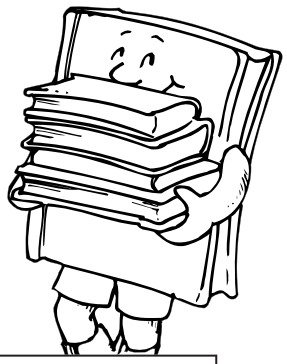
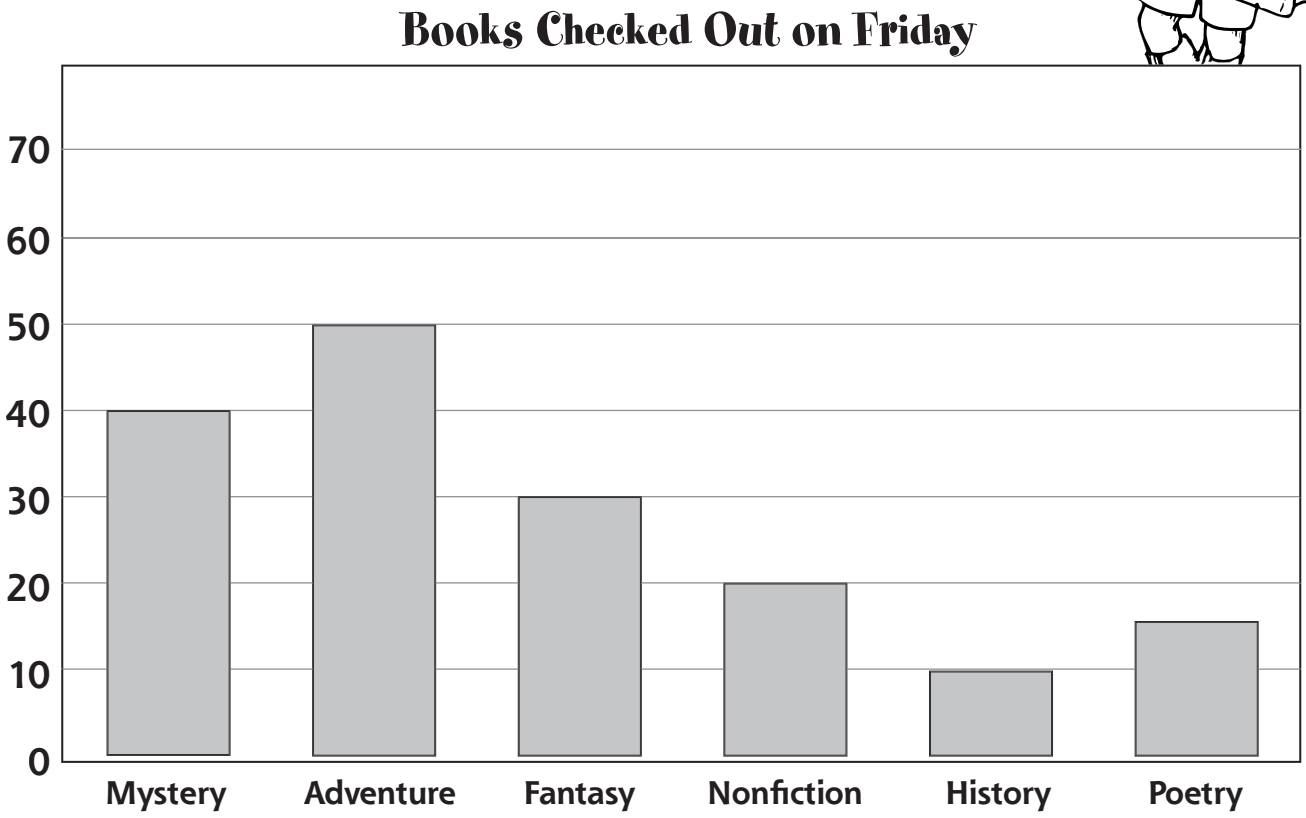
Library Checkout

Name _____



The library was very busy today.
Look at the graph to find how many books of each kind were checked out.



1. What kind of book was checked out the most? _____

2. Were more mystery books or more poetry books checked out? _____

How many more? _____

3. How many fantasy books were checked out? _____

4. How many nonfiction books were checked out? _____

5. How many books were checked out in all? _____

Read and interpret data on various types of graphs

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Name _____

Math Test

Fill in the circle next to the correct answer.

Look at the graph and answer the questions.

Daisy 𝍸 |	Sunflower |||
Tulip 𝍸 𝍸	Carnation 𝍸 𝍸 |

1. What is the subject of this graph?
- Ⓐ fruit
- Ⓑ flowers
- Ⓒ trees
- Ⓓ vegetables

2. How many flowers do all the tally marks stand for?
- Ⓐ 10
- Ⓑ 30
- Ⓒ 50
- Ⓓ 90

3. How many tulips were picked?
- Ⓐ 3
- Ⓑ 6
- Ⓒ 10
- Ⓓ 12

4. Which flower was picked the most?
- Ⓐ daisy
- Ⓑ tulip
- Ⓒ sunflower
- Ⓓ carnation

5. How many more carnations were picked than daisies?
- Ⓐ 2
- Ⓑ 3
- Ⓒ 4
- Ⓓ 5

Look at the graph and answer the questions.

Shells Found	**= 2 shells**
Mark	Tonia
Carlos	Mei Ling

6. What is the subject of this graph?
- Ⓐ the sea
- Ⓑ sea animals
- Ⓒ seashells
- Ⓓ none of the above

7. How many shells does each stand for?
- Ⓐ 1
- Ⓑ 2
- Ⓒ 4
- Ⓓ 5

8. Who found the most shells?
- Ⓐ Mark
- Ⓑ Tonia
- Ⓒ Carlos
- Ⓓ Mei Ling

9. Who found 8 shells?
- Ⓐ Mark
- Ⓑ Tonia
- Ⓒ Carlos
- Ⓓ Mei Ling

10. How many fewer shells did Mark find than Tonia?
- Ⓐ 2
- Ⓑ 4
- Ⓒ 6
- Ⓓ 8

Read and interpret data on various types of graphs

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Birdwatching

Name _____

We saw these birds in the meadow.

short-eared owl	I
meadowlark	IIII
bobolink	~~IIII~~
barn swallow	~~IIII~~ III
killdeer	III
kestrel	II

Show the information on this graph.
Color one space for each tally mark.

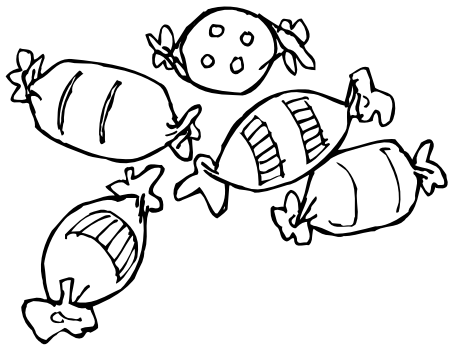
Short-eared owl								
Meadowlark								
Bobolink								
Barn swallow								
Killdeer								
Kestrel								
	0	1	2	3	4	5	6	7	8

Collect, record, and classify data

Sweet Treats

Name _____

Uncle Henry brought candy to his nieces and nephews as a treat. Alvin ate 7 pieces, Clara ate 4 pieces, Edgar ate 7 pieces, and Mindy ate 2 pieces.



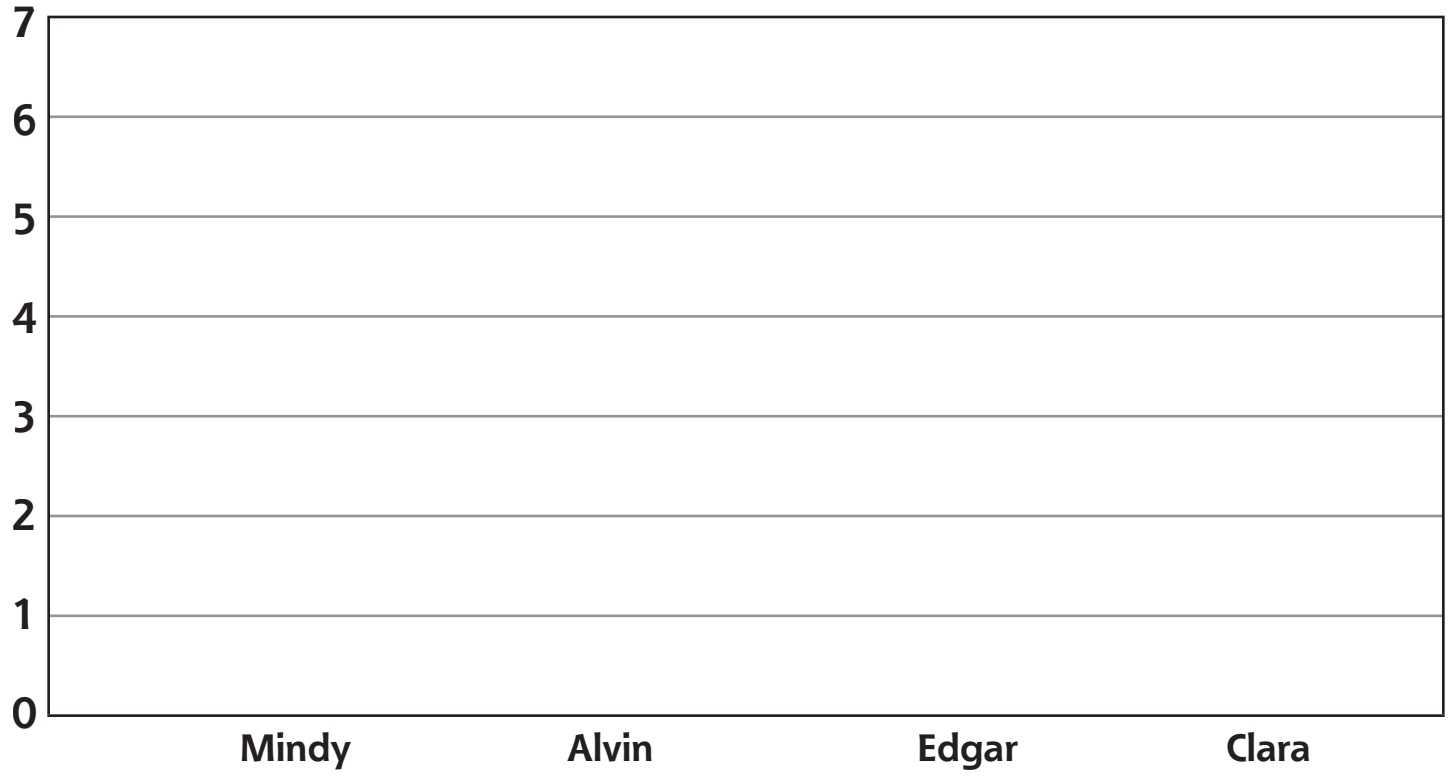
Use tally marks to show how much candy each child ate.

Pieces of Candy the Children Ate

𝍸 = 5

	Mindy	Alvin	Edgar	Clara
Number of Pieces				

Now show the information on a bar graph.



Collect, record, and classify data

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Hair Color

Name _____

Marina made a chart showing the hair colors of students in her class. She counted 5 girls and 3 boys with blond hair. She counted 4 girls and 4 boys with brown hair. There were 2 boys and 1 girl with black hair, and 1 boy with red hair.

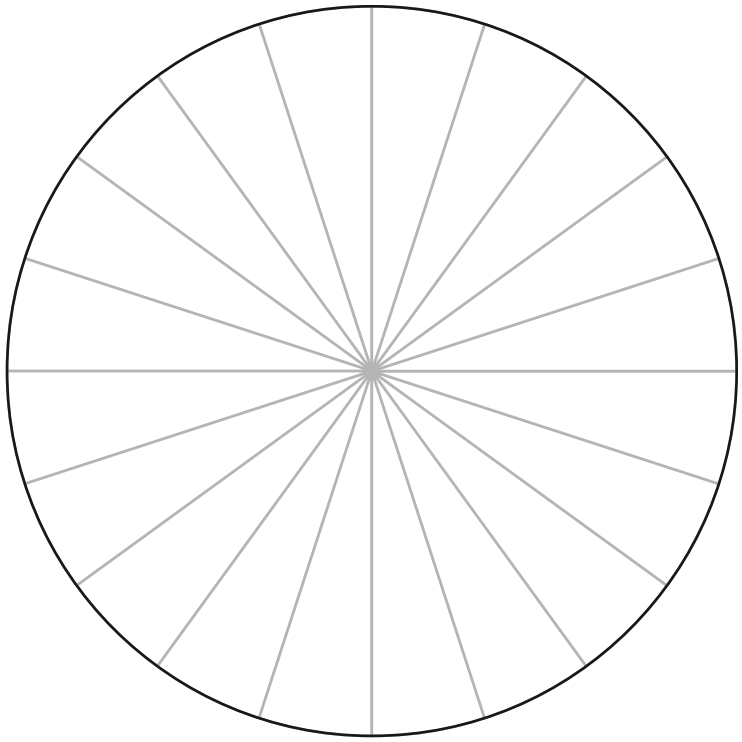
Draw a symbol to show how many students had each color hair.

Hair Colors

= 1 boy or 1 girl

	Blond	Brown	Black	Red
Boys				
Girls				

Make a circle graph to show the same information. Color one section for each child, using the correct hair color. Put all of the sections for one color hair together on the graph.



Collect, record, and classify data

Gone Fishing

Name _____

Oscar went fishing five days last week. He caught 5 fish on Friday, 6 fish on Saturday, 4 fish on Sunday, 6 fish on Monday, and 3 fish on Tuesday.

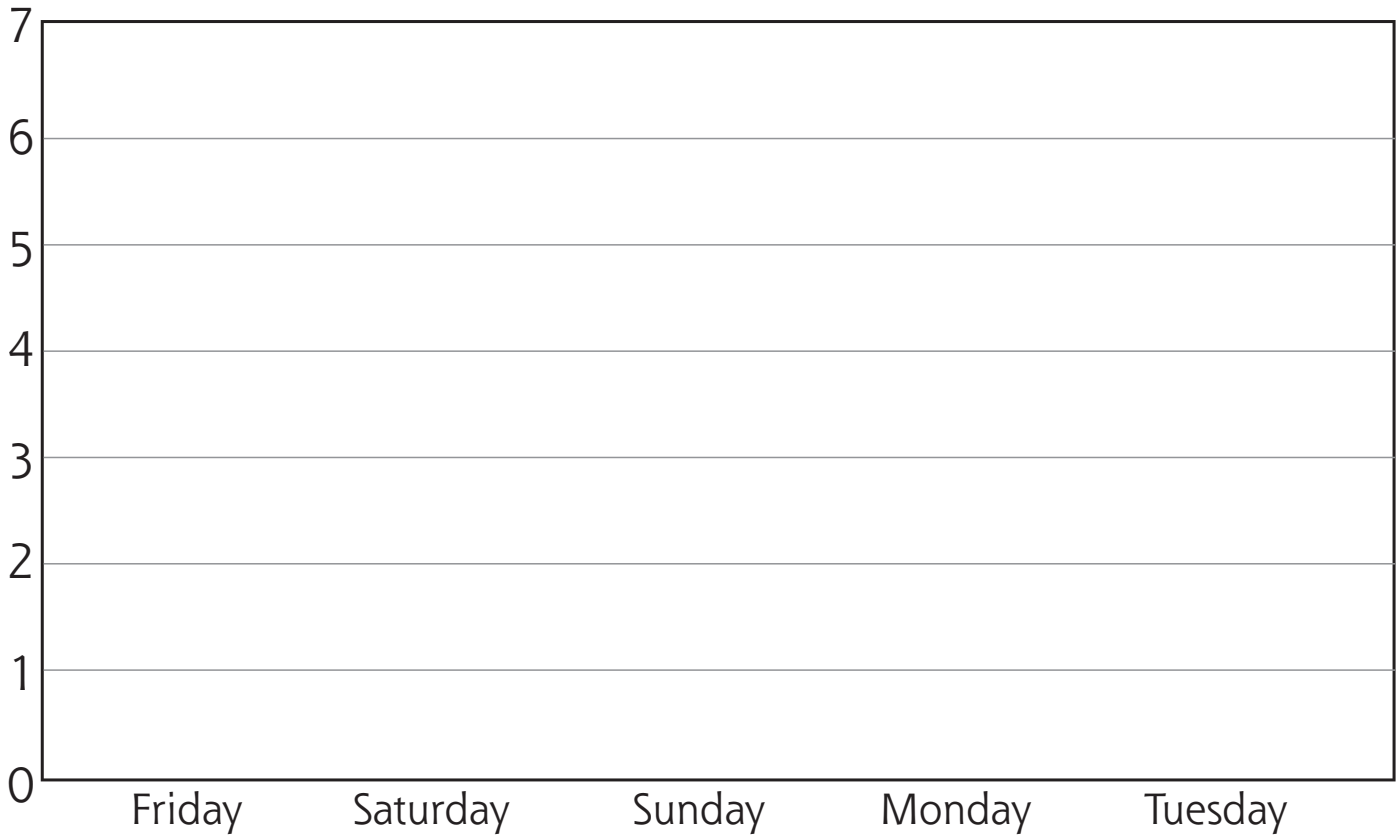
Use tally marks to show how many fish he caught each day.

Number of Fish Oscar Caught

𝍸 = 5

	Friday	Saturday	Sunday	Monday	Tuesday
Number of Fish	𝍸				

Now show the information on a bar graph.



Collect, record, and classify data

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My Own Graph

Name _____

Collect information and record it two different ways.

1. Select a question about a favorite thing. Ask 10 people to answer the question.

My question is _____.

I asked these 10 people the question. Here are their answers:

Name	Answer

2. On a sheet of paper, make a tally chart to sort the answers.

3. Now make a graph to show the information. You may use any type of graph to record the information.

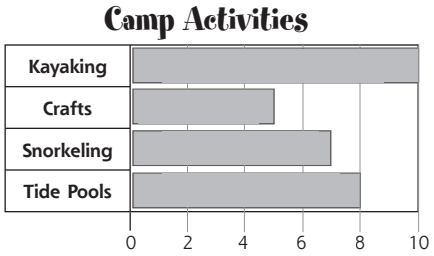
Collect, record, and classify data

Name _____

Math Test

Fill in the circle next to the correct answer.

Look at the graph and answer the questions.



1. What is the subject of this graph?
- Ⓐ games
- Ⓑ camp activities
- Ⓒ the seaside
- Ⓓ none of the above

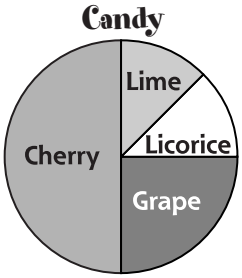
2. What kind of graph is it?
- Ⓐ circle graph
- Ⓑ picture graph
- Ⓒ bar graph
- Ⓓ none of the above

3. What did the campers like to do most?
- Ⓐ kayaking
- Ⓑ doing crafts
- Ⓒ snorkeling
- Ⓓ exploring tide pools

4. How many more campers kayaked than snorkeled?
Ⓐ 2 Ⓑ 3 Ⓒ 7 Ⓓ 10

5. How many campers explored tide pools?
Ⓐ 1 Ⓑ 2 Ⓒ 5 Ⓓ 8

Look at the graph and answer the questions.



6. What is the subject of this graph?
- Ⓐ fruit
- Ⓑ candy
- Ⓒ colors
- Ⓓ none of the above

7. What kind of graph is it?
- Ⓐ circle graph
- Ⓑ picture graph
- Ⓒ bar graph
- Ⓓ none of the above

8. Which flavor did most children pick?
Ⓐ licorice Ⓑ grape Ⓒ lime Ⓓ cherry

9. Did more children pick lime or licorice?
- Ⓐ More children picked lime.
- Ⓑ More children picked licorice.
- Ⓒ The same number of children picked lime as licorice.
- Ⓓ none of the above

10. If eight children named their favorite jelly bean flavor, how many picked cherry?
Ⓐ 1 Ⓑ 2 Ⓒ 3 Ⓓ 4

Collect, record, and classify data

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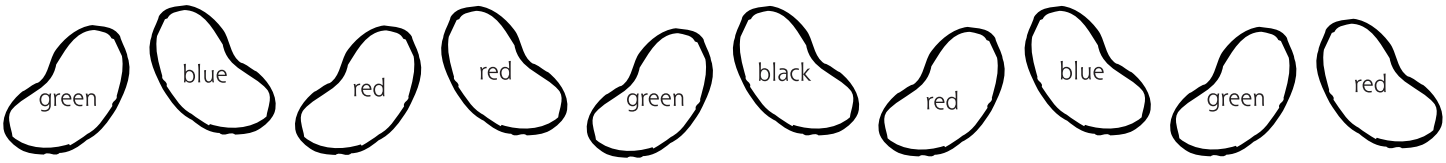
Jan's Jelly Beans

Name _____

Color the jelly beans.



Answer the questions.

1. If Jan chooses one jelly bean without looking, which color is she MOST likely to choose? _____

Tell why.

_____

2. If Jan chooses one jelly bean without looking, which color is she LEAST likely to choose? _____

Tell why.

_____

3. If Jan chooses one jelly bean without looking, what color is IMPOSSIBLE to choose? _____

Tell why.

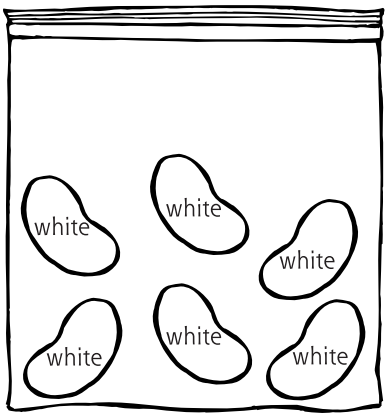
_____

4. If Jan has a bag containing these jelly beans, is it CERTAIN or IMPOSSIBLE that she will pull a white jelly bean from the bag?

_____

Tell why.

_____



Explore probability, record possible outcomes, and use results to predict future events

Socks!

Name _____

Andy is always in a hurry to get dressed in the morning.
He just reaches into his sock drawer without looking.
What are the chances he will choose each of these socks?

red blue red blue red red

1. What is the chance he will choose a red sock?

More likely **Less likely** **Impossible**

Explain your answer.

_____

2. What is the chance he will choose a blue sock?

More likely **Less likely** **Impossible**

Explain your answer.

_____

3. What is the chance he will choose a black sock?

More likely **Less likely** **Impossible**

Explain your answer.

_____

Explore probability, record possible outcomes, and use results to predict future events

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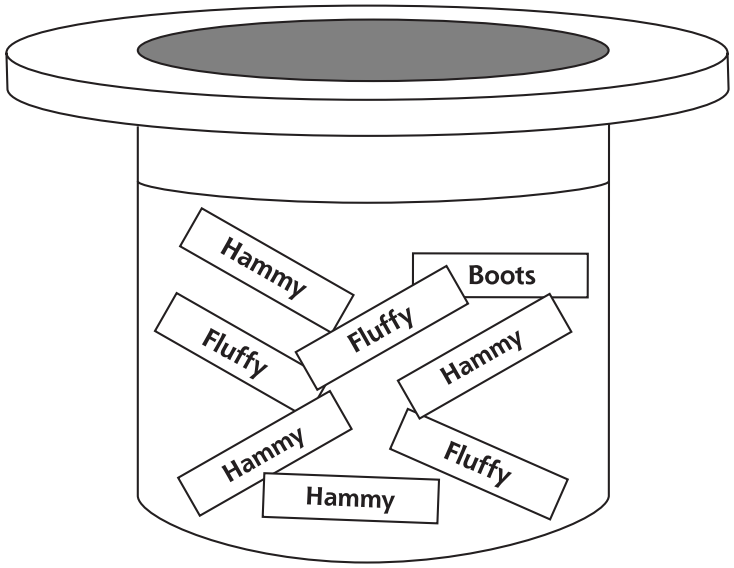
A New Hamster

Name _____

The class has a new pet hamster. They wrote suggestions for a name for the hamster on pieces of paper and put them in a hat.



1. If one name is picked without looking, which name is MOST likely to be chosen?

Hammy **Fluffy** **Boots**

Tell why.

_____

2. If one name is picked without looking, which name is LEAST likely to be chosen?

Fluffy **Boots** **Hammy**

Tell why.

_____

3. If one name is picked without looking, which name is IMPOSSIBLE to choose?

Boots **Fluffy** **Spots**

Tell why.

_____

Explore probability, record possible outcomes, and use results to predict future events

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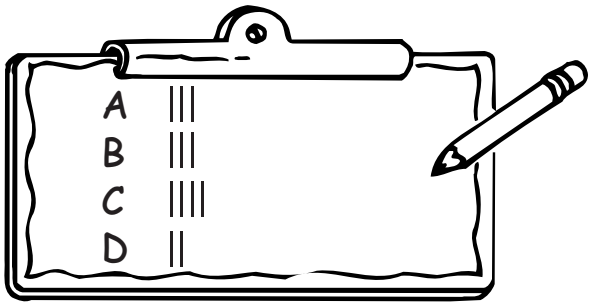
Spin the Wheel

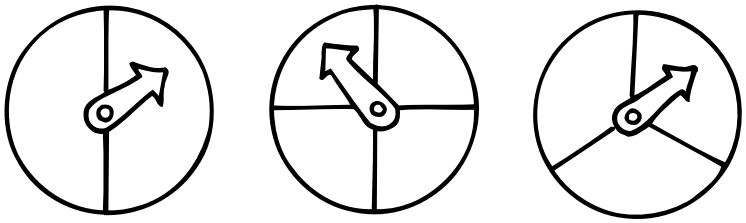
Name _____

Look at the charts to answer the questions.

1. Juan used a spinner wheel to make his chart.



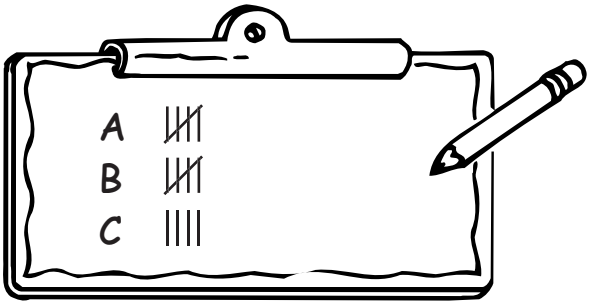
Which spinner did Juan most likely use? Circle it.

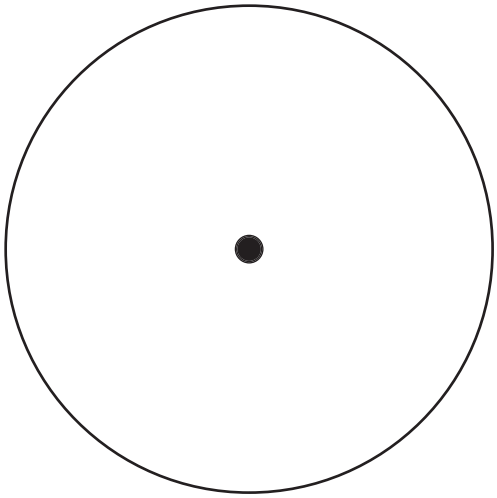


Why did you choose this answer?

_____

2. Look at this chart. Draw the spinner that was most likely used.





Explore probability, record possible outcomes, and use results to predict future events

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Shapes

Name _____

Cut out the cards. Put them facedown on your desk.
Mix up the cards. Pick one and record the shape.
Return it to your desk facedown, mix again, and pick another card.
Do this 10 times.

1.	**6.**
2.	**7.**
3.	**8.**
4.	**9.**
5.	**10.**

1. How many triangles did you pick? _____

2. How many hexagons did you pick? _____

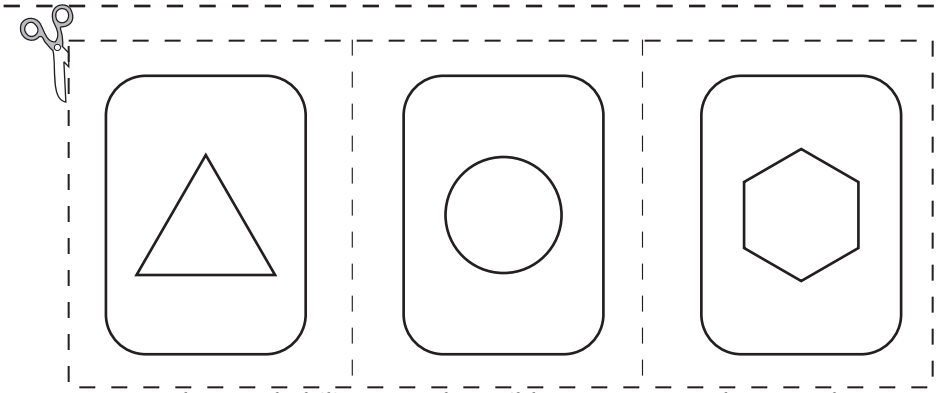
3. How many circles did you pick? _____

4. Guess how many triangles you would get if you did it 10 more times. _____

5. Do it 10 more times, and record the results on the back of this paper.

6. How many triangles did you pick? _____

7. Compare your results with a friend.

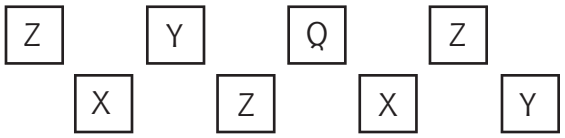


Explore probability, record possible outcomes, and use results to predict future events

Name _____

Math Test

Fill in the circle next to the correct answer.



1. Which letter is most likely to be picked without looking?

Ⓐ Q Ⓑ Y Ⓒ Z Ⓓ X

2. Which letter is least likely to be picked without looking?

Ⓐ Q Ⓑ Y Ⓒ Z Ⓓ X

3. Which letter is impossible to pick without looking?

Ⓐ Z Ⓑ X Ⓒ W Ⓓ Q

4. A white marble is _____ to be picked.

Ⓐ certain Ⓒ least likely
Ⓑ most likely Ⓓ impossible

5. A black marble is _____ to be picked.

Ⓐ certain Ⓒ least likely
Ⓑ most likely Ⓓ impossible

6. What are all the possible colors of marbles that can be picked?

Ⓐ white and gray
Ⓑ white and black
Ⓒ gray and black
Ⓓ gray, black, and white

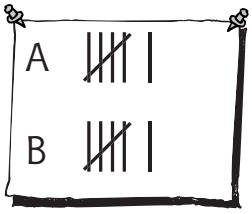
7. If a coin is tossed, it is...

Ⓐ equally likely to land on heads or tails
Ⓑ more likely to land on heads
Ⓒ less likely to land on heads
Ⓓ none of the above

8. Which spinner is equally likely to land on black or white?

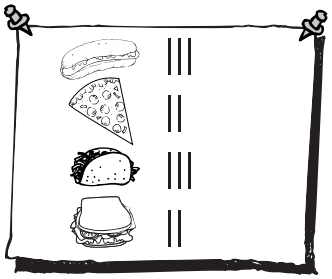
Ⓐ Ⓑ Ⓒ Ⓓ

9. Which spinner could have been used to make this chart?



Ⓐ Ⓑ Ⓒ Ⓓ

10. Which spinner could have been used to make this chart?



Ⓐ Ⓑ Ⓒ Ⓓ

Explore probability, record possible outcomes, and use results to predict future events

Resources

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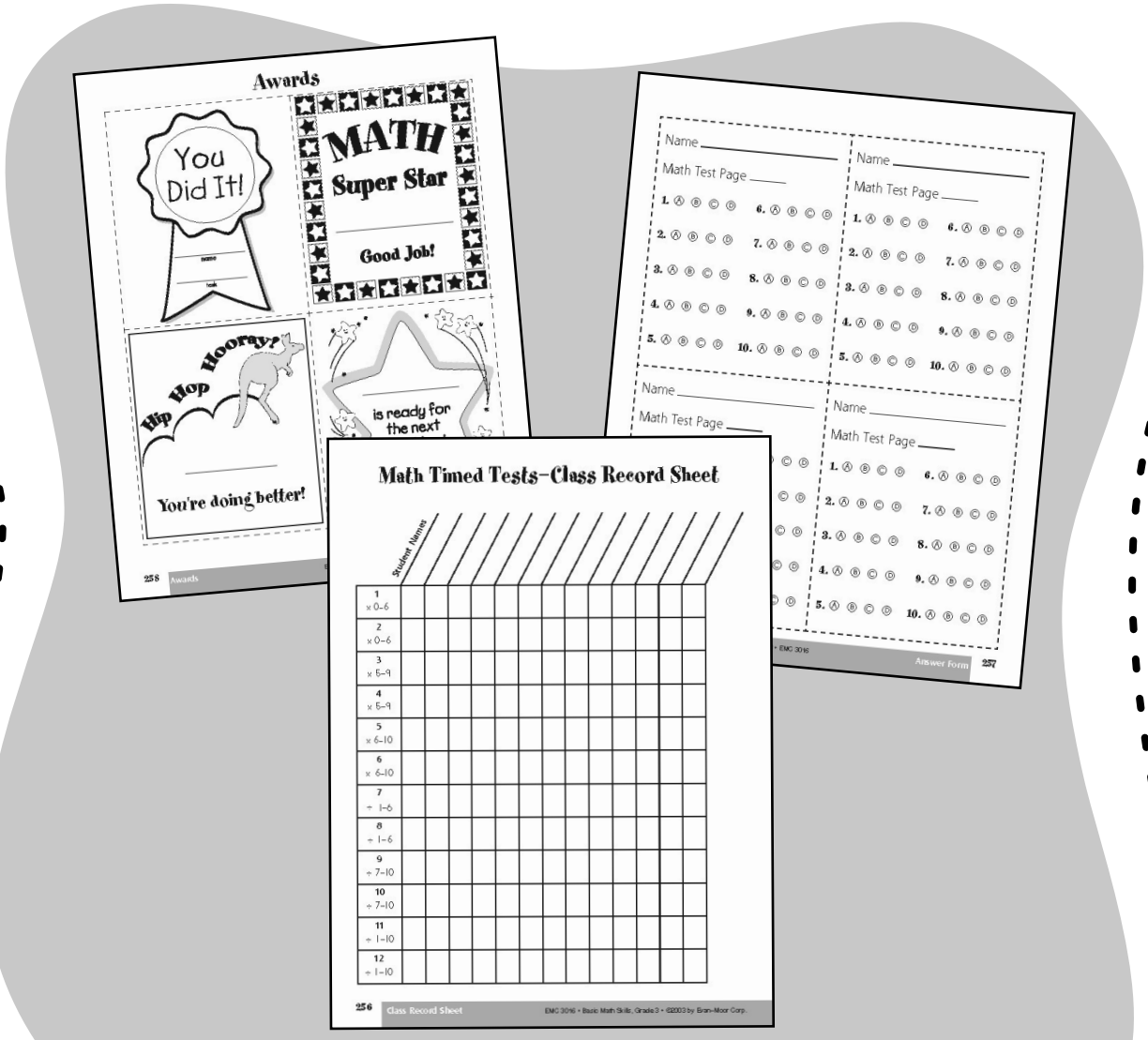
- Awards 258
- Practice cards for multiplication and division 259
- Answer key 269



Name _____

Timed Test 1
Multiplication Facts 0–6

Time: _____ **Number Correct:** _____

5 × 0	3 × 2	6 × 4	4 × 5	7 × 0	2 × 2	4 × 4	2 × 5	9 × 3	7 × 5
9 × 2	1 × 2	2 × 8	4 × 1	8 × 2	5 × 3	3 × 4	1 × 5	8 × 4	8 × 6
7 × 2	4 × 3	2 × 4	4 × 6	6 × 2	3 × 3	1 × 4	3 × 6	5 × 1	9 × 5
5 × 2	2 × 3	6 × 5	2 × 6	4 × 2	6 × 3	5 × 5	1 × 6	9 × 4	3 × 0

Name _____

Timed Test 2
Multiplication Facts 0–6

Time: _____ **Number Correct:** _____

6 × 9	3 × 4	5 × 3	6 × 1	8 × 6	9 × 5	4 × 3	9 × 1	3 × 8	6 × 6
9 × 0	3 × 3	8 × 5	6 × 7	4 × 9	7 × 5	4 × 8	8 × 0	3 × 7	9 × 6
9 × 3	8 × 4	5 × 6	8 × 3	7 × 4	5 × 5	4 × 6	6 × 5	7 × 6	5 × 7
7 × 3	6 × 4	4 × 5	3 × 6	3 × 0	3 × 5	5 × 4	6 × 3	9 × 4	4 × 7

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Name _____

Timed Test 3
Multiplication Facts 5–9

Time: _____ **Number Correct:** _____

7 × 7	8 × 7	6 × 8	4 × 9	4 × 5	5 × 6	0 × 8	9 × 7	2 × 8	5 × 5
5 × 9	6 × 5	7 × 6	8 × 8	9 × 8	6 × 9	7 × 5	8 × 6	4 × 6	7 × 8
7 × 9	8 × 5	9 × 6	8 × 9	9 × 5	2 × 6	9 × 9	2 × 7	3 × 9	6 × 6
3 × 7	4 × 8	6 × 7	3 × 8	5 × 8	4 × 7	5 × 7	0 × 9	3 × 5	2 × 9

Name _____

Timed Test 4
Multiplication Facts 5–9

Time: _____ **Number Correct:** _____

0 × 7	3 × 6	5 × 7	0 × 9	7 × 9	8 × 5	9 × 6	8 × 9	6 × 5	8 × 7
7 × 8	6 × 8	9 × 5	2 × 7	4 × 5	5 × 6	0 × 8	9 × 7	3 × 7	5 × 9
7 × 7	4 × 9	2 × 5	3 × 9	1 × 8	4 × 7	8 × 8	1 × 6	2 × 9	6 × 6
4 × 6	9 × 2	7 × 3	4 × 8	6 × 7	2 × 6	9 × 9	3 × 8	5 × 5	9 × 6

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Name _____

Timed Test 5
Multiplication Facts 6–10

Time: _____ **Number Correct:** _____

2 × 7	9 × 8	2 × 9	6 × 6	8 ×10	3 × 9	9 ×10	5 × 8	9 × 7	0 × 8
4 × 7	8 × 8	7 × 9	4 × 6	9 × 9	8 × 6	3 ×10	5 × 7	3 × 6	4 × 5
5 × 9	6 × 7	2 × 8	4 × 9	3 × 8	8 × 9	6 ×10	4 × 8	5 × 5	9 × 2
6 × 9	7 × 8	4 ×10	5 × 6	7 × 7	6 × 8	3 × 7	9 × 6	7 ×10	3 × 5

Name _____

Timed Test 6
Multiplication Facts 6–10

Time: _____ **Number Correct:** _____

8 × 7	3 × 6	2 × 9	6 × 6	9 × 9	5 ×10	3 × 7	9 × 6	6 × 5	4 × 3
9 × 7	7 × 6	9 × 8	8 ×10	5 × 9	6 × 7	2 × 8	4 × 9	6 × 4	9 × 0
2 × 6	8 × 8	7 × 9	4 × 6	3 × 8	8 × 9	3 ×10	5 × 6	9 × 3	7 × 5
2 × 7	6 × 8	9 ×10	5 × 8	4 × 7	6 × 9	7 × 8	7 × 7	8 × 6	5 × 5

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Name _____

Timed Test 7
Division Facts 1–6

Time: _____ **Number Correct:** _____

$1\overline{)6}$	$1\overline{)5}$	$2\overline{)6}$	$4\overline{)24}$	$2\overline{)10}$	$5\overline{)5}$	$5\overline{)25}$	$6\overline{)18}$
$4\overline{)4}$	$3\overline{)6}$	$3\overline{)24}$	$5\overline{)10}$	$2\overline{)2}$	$6\overline{)36}$	$4\overline{)12}$	$4\overline{)8}$
$1\overline{)8}$	$2\overline{)12}$	$6\overline{)6}$	$5\overline{)20}$	$4\overline{)32}$	$3\overline{)9}$	$6\overline{)30}$	$3\overline{)15}$
$2\overline{)8}$	$4\overline{)36}$	$6\overline{)12}$	$1\overline{)9}$	$3\overline{)3}$	$6\overline{)24}$	$5\overline{)15}$	$4\overline{)16}$

Name _____

Timed Test 8
Division Facts 1–6

Time: _____ **Number Correct:** _____

$1\overline{)7}$	$3\overline{)18}$	$5\overline{)45}$	$5\overline{)20}$	$1\overline{)9}$	$3\overline{)21}$	$5\overline{)50}$	$4\overline{)24}$
$2\overline{)8}$	$3\overline{)30}$	$4\overline{)40}$	$3\overline{)15}$	$2\overline{)16}$	$4\overline{)12}$	$6\overline{)48}$	$4\overline{)36}$
$2\overline{)14}$	$4\overline{)28}$	$6\overline{)54}$	$4\overline{)8}$	$2\overline{)20}$	$4\overline{)20}$	$3\overline{)24}$	$1\overline{)3}$
$3\overline{)27}$	$5\overline{)35}$	$6\overline{)60}$	$6\overline{)36}$	$3\overline{)12}$	$5\overline{)40}$	$4\overline{)16}$	$6\overline{)18}$

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Name _____

Timed Test 9
Division Facts 7–10

Time: _____ **Number Correct:** _____

$7\overline{)7}$	$8\overline{)8}$	$7\overline{)49}$	$9\overline{)63}$	$7\overline{)14}$	$8\overline{)24}$	$9\overline{)9}$	$7\overline{)21}$
$8\overline{)72}$	$10\overline{)20}$	$8\overline{)32}$	$9\overline{)18}$	$9\overline{)81}$	$7\overline{)35}$	$8\overline{)40}$	$9\overline{)27}$
$10\overline{)40}$	$9\overline{)72}$	$7\overline{)42}$	$8\overline{)48}$	$9\overline{)36}$	$10\overline{)50}$	$7\overline{)56}$	$8\overline{)56}$
$9\overline{)45}$	$10\overline{)70}$	$7\overline{)63}$	$8\overline{)64}$	$9\overline{)54}$	$10\overline{)90}$	$7\overline{)28}$	$8\overline{)16}$

Name _____

Timed Test 10
Division Facts 7–10

Time: _____ **Number Correct:** _____

$9\overline{)45}$	$10\overline{)70}$	$9\overline{)9}$	$7\overline{)21}$	$8\overline{)72}$	$7\overline{)7}$	$8\overline{)32}$	$9\overline{)18}$
$9\overline{)81}$	$7\overline{)35}$	$8\overline{)40}$	$9\overline{)72}$	$7\overline{)49}$	$9\overline{)63}$	$7\overline{)28}$	$10\overline{)50}$
$7\overline{)42}$	$8\overline{)8}$	$10\overline{)20}$	$7\overline{)56}$	$8\overline{)56}$	$9\overline{)27}$	$8\overline{)64}$	$10\overline{)60}$
$7\overline{)63}$	$10\overline{)90}$	$10\overline{)40}$	$8\overline{)16}$	$7\overline{)14}$	$8\overline{)24}$	$8\overline{)48}$	$9\overline{)36}$

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Name _____

Timed Test 11
Division Facts 1–10

Time: _____ **Number Correct:** _____

$2\overline{)6}$	$7\overline{)7}$	$4\overline{)24}$	$4\overline{)36}$	$3\overline{)9}$	$8\overline{)8}$	$5\overline{)50}$	$6\overline{)12}$
$4\overline{)32}$	$7\overline{)49}$	$3\overline{)21}$	$3\overline{)30}$	$5\overline{)30}$	$9\overline{)63}$	$1\overline{)9}$	$6\overline{)42}$
$1\overline{)7}$	$9\overline{)72}$	$6\overline{)6}$	$7\overline{)28}$	$3\overline{)18}$	$8\overline{)72}$	$3\overline{)24}$	$9\overline{)18}$
$5\overline{)45}$	$8\overline{)16}$	$8\overline{)80}$	$9\overline{)81}$	$5\overline{)20}$	$7\overline{)14}$	$8\overline{)32}$	$3\overline{)15}$

Name _____

Timed Test 12
Division Facts 1–10

Time: _____ **Number Correct:** _____

$8\overline{)32}$	$5\overline{)15}$	$10\overline{)70}$	$6\overline{)36}$	$7\overline{)28}$	$6\overline{)30}$	$9\overline{)45}$	$5\overline{)20}$
$4\overline{)36}$	$2\overline{)20}$	$8\overline{)56}$	$4\overline{)32}$	$6\overline{)48}$	$4\overline{)20}$	$7\overline{)56}$	$2\overline{)10}$
$4\overline{)12}$	$7\overline{)42}$	$1\overline{)3}$	$9\overline{)54}$	$2\overline{)16}$	$8\overline{)48}$	$6\overline{)60}$	$8\overline{)64}$
$5\overline{)5}$	$9\overline{)36}$	$5\overline{)35}$	$7\overline{)63}$	$10\overline{)50}$	$3\overline{)27}$	$6\overline{)18}$	$9\overline{)81}$

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Math Timed Tests-Class Record Sheet

Student Names →													
1 × 0–6													
2 × 0–6													
3 × 5–9													
4 × 5–9													
5 × 6–10													
6 × 6–10													
7 ÷ 1–6													
8 ÷ 1–6													
9 ÷ 7–10													
10 ÷ 7–10													
11 ÷ 1–10													
12 ÷ 1–10													

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Name _____

Math Test Page _____

1.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	**6.**	Ⓐ	Ⓑ	Ⓒ	Ⓓ
2.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	**7.**	Ⓐ	Ⓑ	Ⓒ	Ⓓ
3.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	**8.**	Ⓐ	Ⓑ	Ⓒ	Ⓓ
4.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	**9.**	Ⓐ	Ⓑ	Ⓒ	Ⓓ
5.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	**10.**	Ⓐ	Ⓑ	Ⓒ	Ⓓ

Name _____

Math Test Page _____

1.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	**6.**	Ⓐ	Ⓑ	Ⓒ	Ⓓ
2.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	**7.**	Ⓐ	Ⓑ	Ⓒ	Ⓓ
3.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	**8.**	Ⓐ	Ⓑ	Ⓒ	Ⓓ
4.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	**9.**	Ⓐ	Ⓑ	Ⓒ	Ⓓ
5.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	**10.**	Ⓐ	Ⓑ	Ⓒ	Ⓓ

Name _____

Math Test Page _____

1.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	**6.**	Ⓐ	Ⓑ	Ⓒ	Ⓓ
2.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	**7.**	Ⓐ	Ⓑ	Ⓒ	Ⓓ
3.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	**8.**	Ⓐ	Ⓑ	Ⓒ	Ⓓ
4.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	**9.**	Ⓐ	Ⓑ	Ⓒ	Ⓓ
5.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	**10.**	Ⓐ	Ⓑ	Ⓒ	Ⓓ

Name _____

Math Test Page _____

1.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	**6.**	Ⓐ	Ⓑ	Ⓒ	Ⓓ
2.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	**7.**	Ⓐ	Ⓑ	Ⓒ	Ⓓ
3.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	**8.**	Ⓐ	Ⓑ	Ⓒ	Ⓓ
4.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	**9.**	Ⓐ	Ⓑ	Ⓒ	Ⓓ
5.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	**10.**	Ⓐ	Ⓑ	Ⓒ	Ⓓ

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Awards

You Did It!

_____ name

_____ task

MATH Super Star

_____

Good Job!

Hip Hop Hooray!

_____

You're doing better!

_____

is ready for the next timed test.

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8 × 3	8 × 2	8 × 1	8 × 0
7 × 9	7 × 8	7 × 7	7 × 6
7 × 5	7 × 4	7 × 3	7 × 2

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6 × 4	6 × 5	6 × 6	6 × 7
6 × 8	6 × 9	7 × 0	7 × 1

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5 × 5	5 × 4	5 × 3	5 × 2
5 × 1	5 × 0	4 × 9	4 × 8
4 × 7	4 × 6	4 × 5	4 × 4
4 × 3	4 × 2	4 × 1	4 × 0

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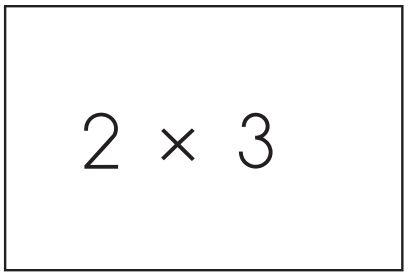

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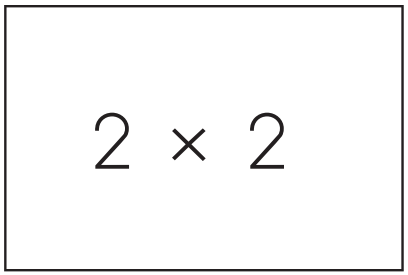

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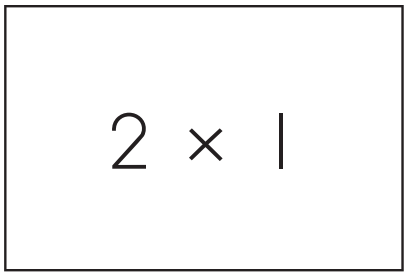

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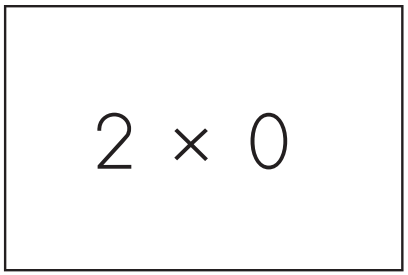

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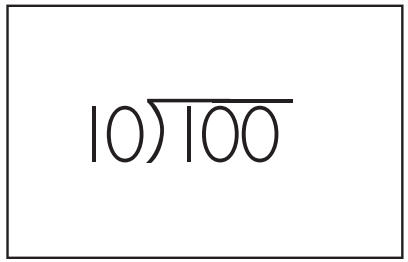

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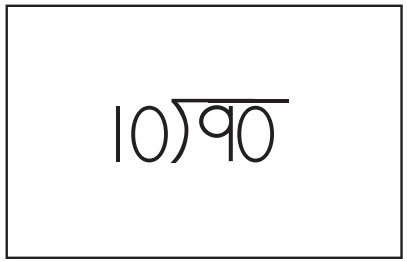

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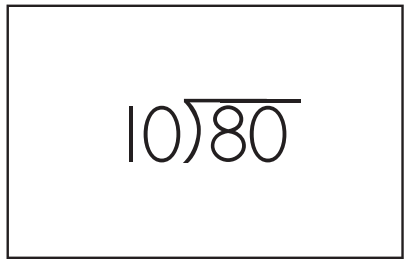

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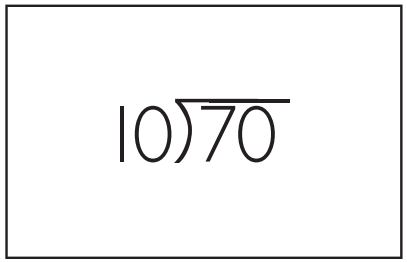

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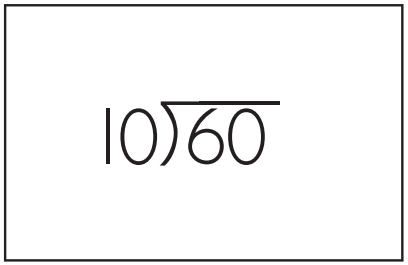

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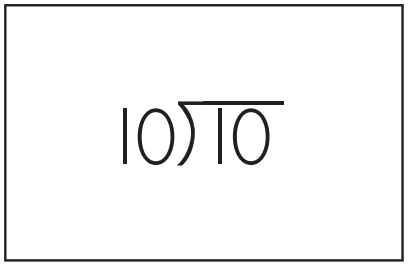

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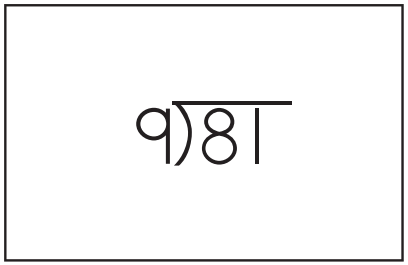

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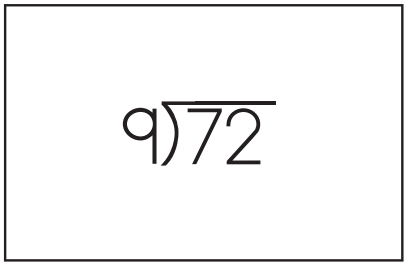

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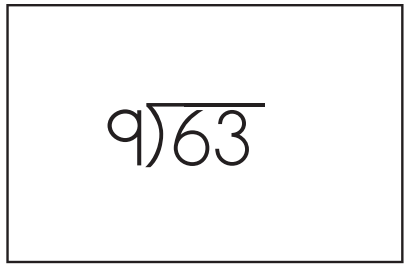

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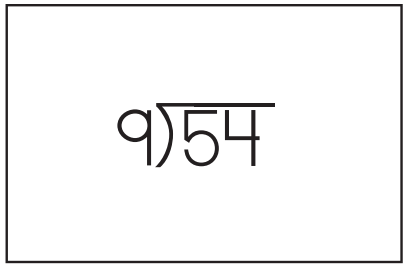

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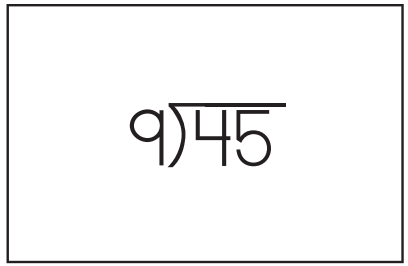

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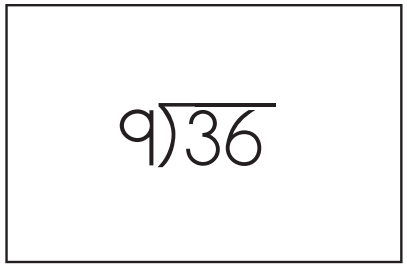

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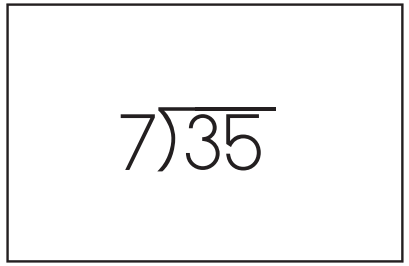
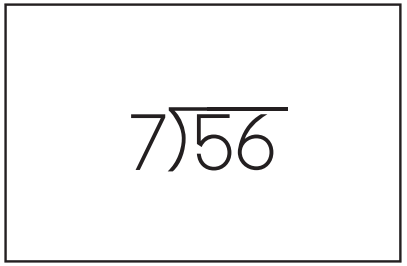
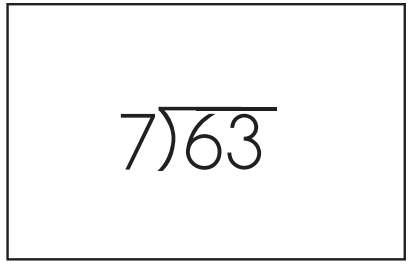
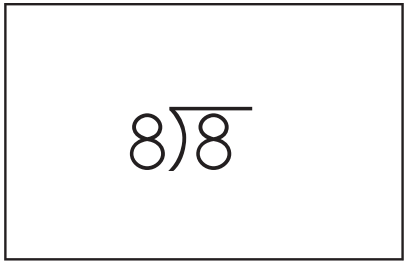
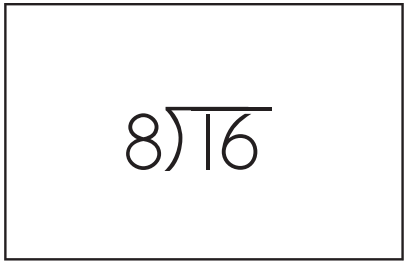
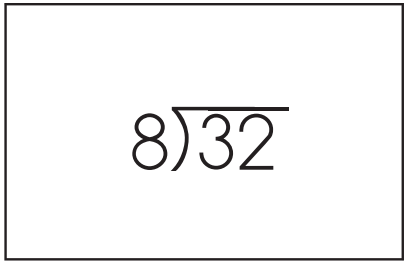
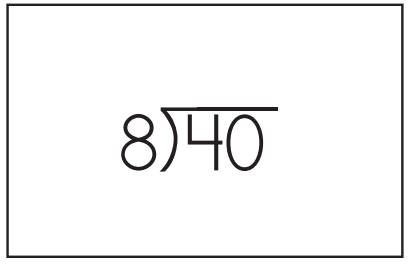
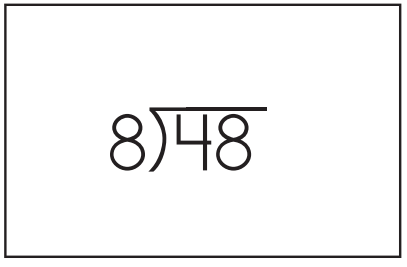
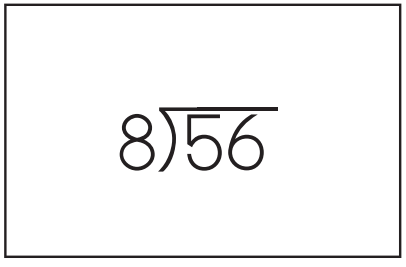
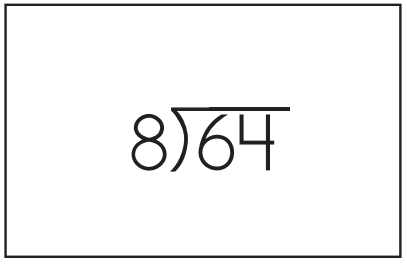
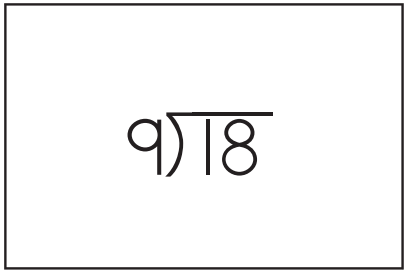
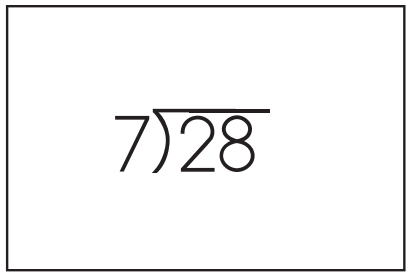
 ©2003 by Evan–Moor Corp. • EMC 3016	©2003 by Evan–Moor Corp. • EMC 3016	©2003 by Evan–Moor Corp. • EMC 3016	 ©2003 by Evan–Moor Corp. • EMC 3016
 ©2003 by Evan–Moor Corp. • EMC 3016	 ©2003 by Evan–Moor Corp. • EMC 3016	 ©2003 by Evan–Moor Corp. • EMC 3016	 ©2003 by Evan–Moor Corp. • EMC 3016
 ©2003 by Evan–Moor Corp. • EMC 3016	 ©2003 by Evan–Moor Corp. • EMC 3016	 ©2003 by Evan–Moor Corp. • EMC 3016	 ©2003 by Evan–Moor Corp. • EMC 3016
©2003 by Evan–Moor Corp. • EMC 3016	©2003 by Evan–Moor Corp. • EMC 3016	 ©2003 by Evan–Moor Corp. • EMC 3016	©2003 by Evan–Moor Corp. • EMC 3016



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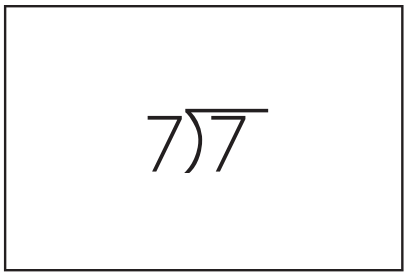

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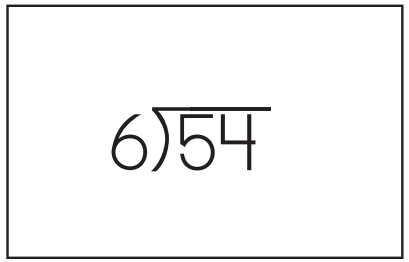

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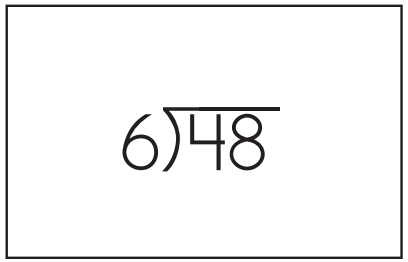

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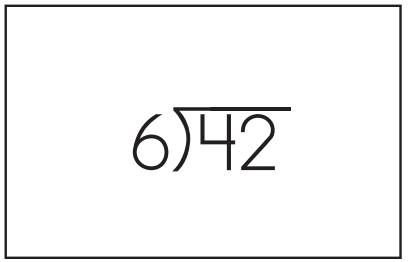

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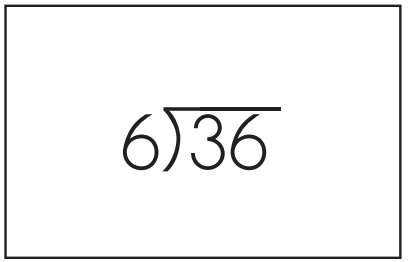

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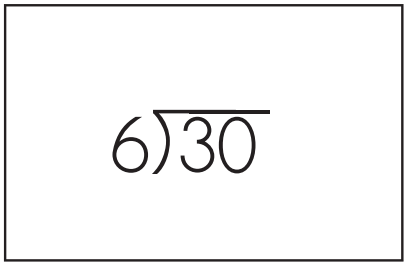

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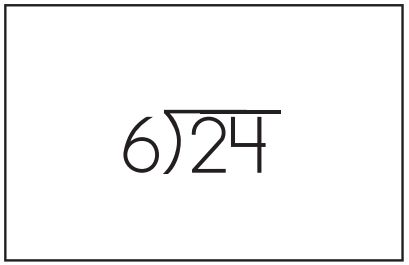

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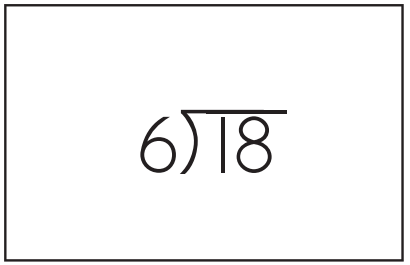

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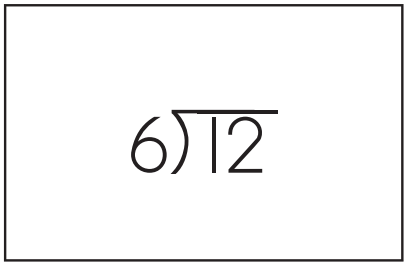

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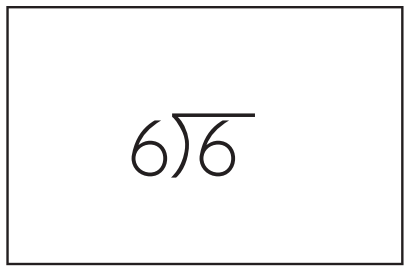

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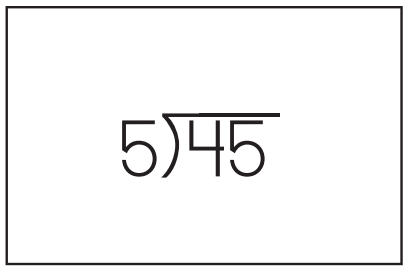

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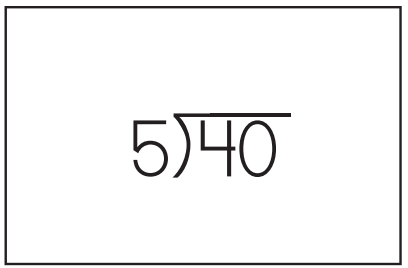

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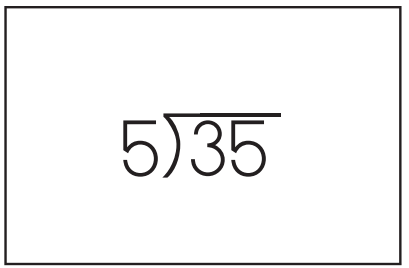

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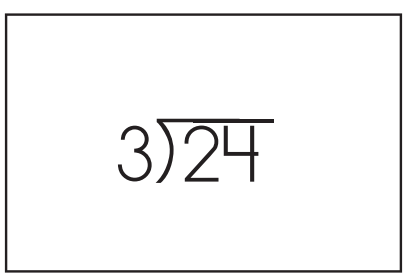

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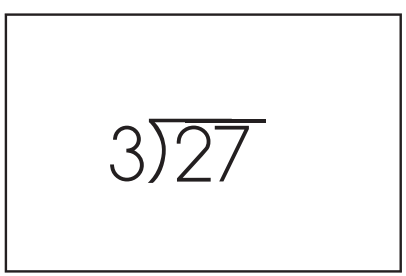

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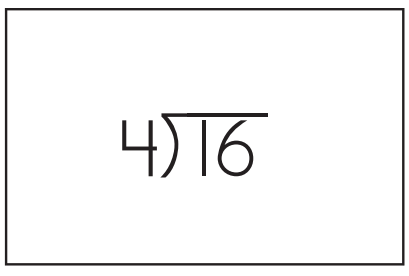

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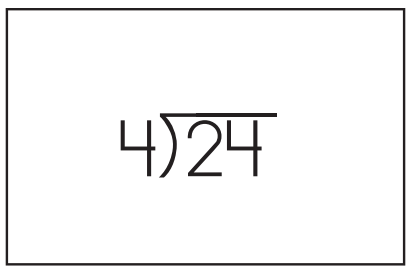

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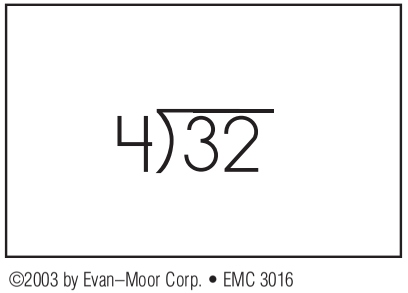

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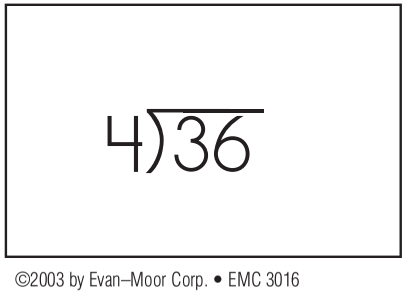

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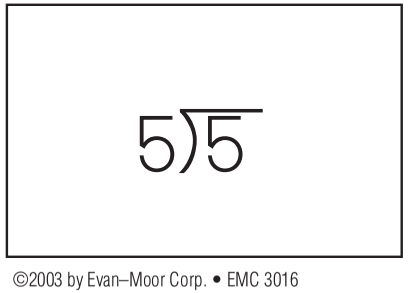

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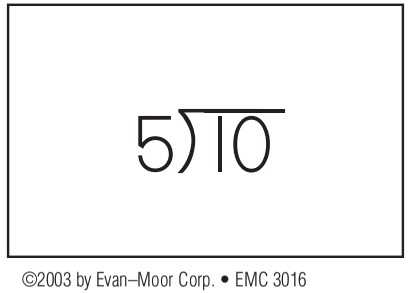

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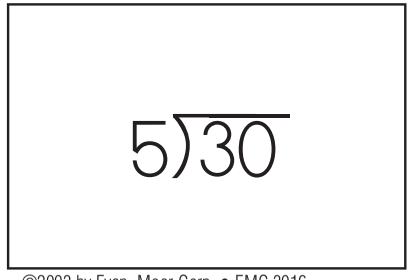

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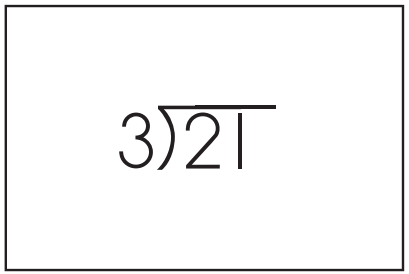

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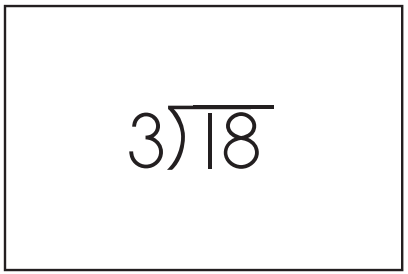

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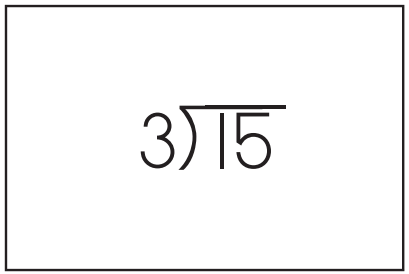

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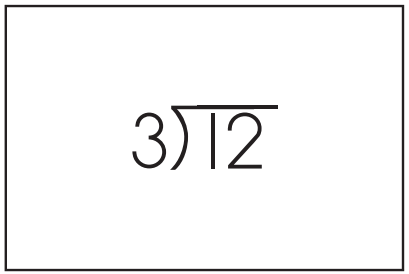

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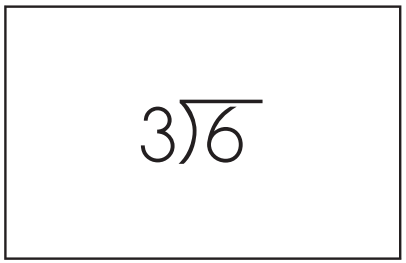

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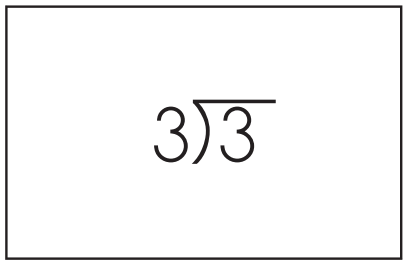

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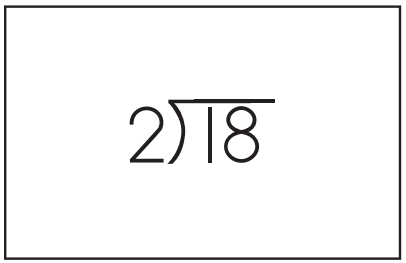

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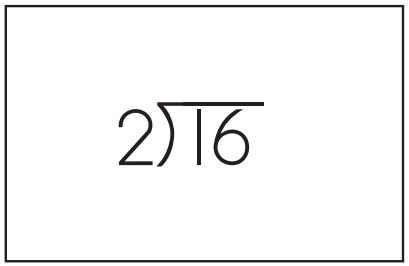

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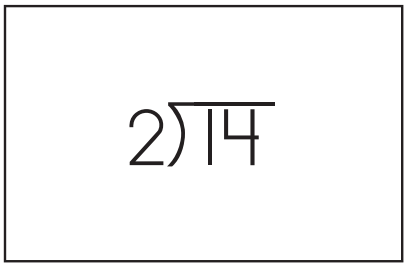

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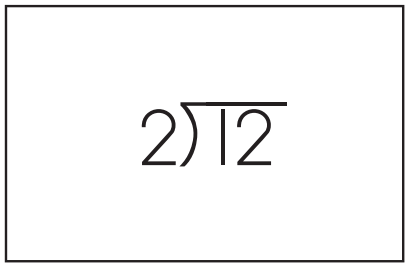

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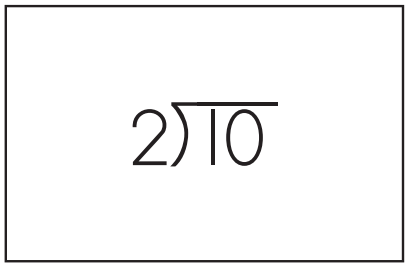

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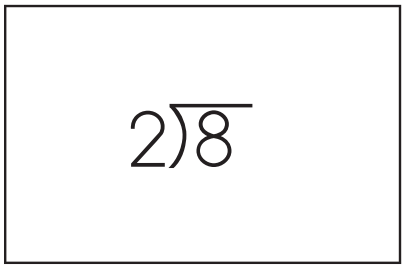

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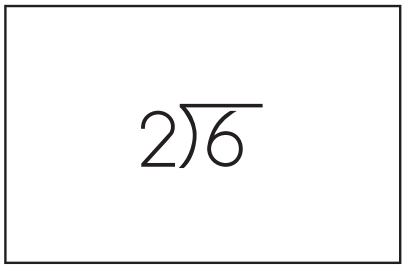

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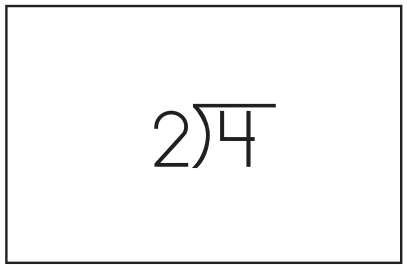

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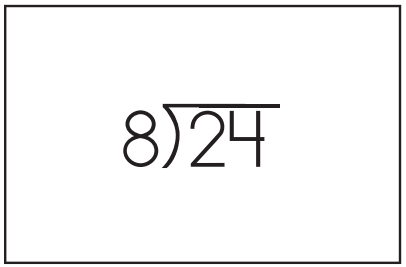

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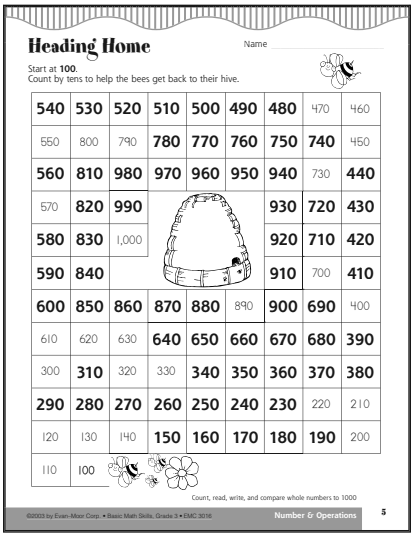
Answer Key

Page 5



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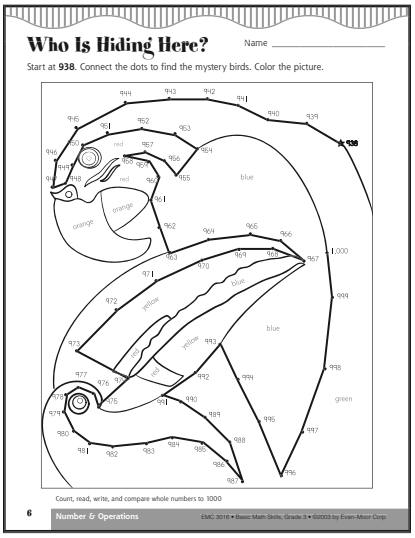


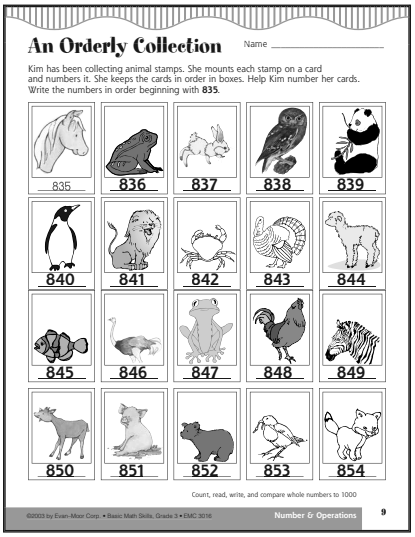
Page 7

1. 131 132 133
2. 515 516 517
3. 301 302 303
4. 898 899 900
5. 645 646 647
6. 229 230 231
7. 832 833 834
8. 715 716 717
9. 327 328 329
10. 600 601 602
11. 853 854 855
12. 256 257 258
13. 161 162 163
14. 483 484 485
15. 799 800 801
16. 998 999 1,000
17. 929 930 931
18. 720 721 722
19. 578 579 580
20. 426 427 428

Page 8

248	**539**	**874**	**990**
249	540	875	991
250	541	876	992
251	542	877	993
252	543	878	994
253	544	879	995
254	545	880	996
255	546	881	997
256	547	882	998
257	548	883	999
258	549	884	1,000

Page 9



Page 10

1. D
2. B
3. D
4. C
5. D
6. A
7. C
8. D
9. C
10. A

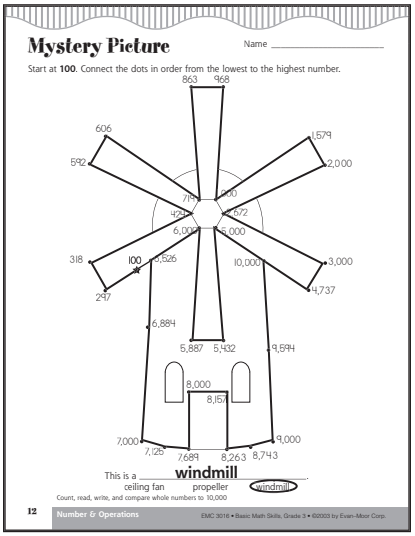
Page 11

9,990 9,991 9,992 9,993 9,994 9,995
9,996 9,997 9,998 9,999 10,000

9,000 9,100 9,200 9,300 9,400 9,500
9,600 9,700 9,800 9,900 10,000

1,000 2,000 3,000 4,000 5,000
6,000 7,000 8,000 9,000 10,000

Page 12



Page 13

In-between

1. 2,134 2,135 2,136
2. 5,301 5,302 5,303
3. 8,645 8,646 8,647
4. 6,999 7,000 7,001
5. 3,832 3,833 3,834
6. 1,600 1,601 1,602
7. 6,899 6,900 6,901
8. 4,853 4,854 4,855
9. 7,578 7,579 7,580
10. 9,998 9,999 10,000

After

1. 1,312 1,313
2. 5,154 5,155
3. 3,018 3,019
4. 8,986 8,987
5. 6,455 6,456
6. 2,290 2,291
7. 8,323 8,324
8. 7,151 7,152
9. 3,277 3,278
10. 9,999 10,000

Before

1. 1,854 1,855
2. 2,257 2,258
3. 4,162 4,163
4. 1,484 1,485
5. 3,800 3,801
6. 999 1,000
7. 5,930 5,931
8. 8,721 8,722
9. 6,579 6,580
10. 9,999 10,000

Page 14

1. 10 20 30 70 80 90
2. 188 191 235 243 259 267
3. 50 75 100 125 150 175
4. 5,000 6,000 7,000 8,000 9,000 10,000
5. 3,126 3,162 3,206 3,216 3,602 3,612
6. 5,995 5,997 5,998 5,999 6,000 6,001

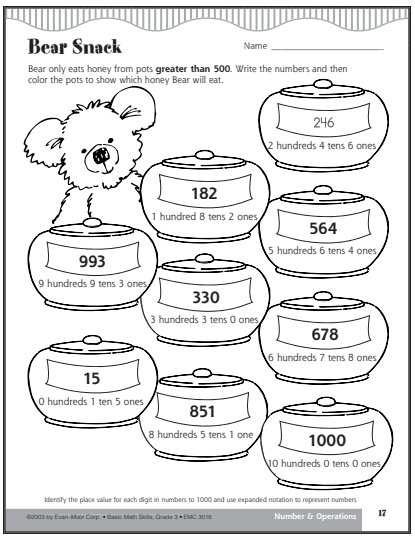
Page 15

6,359 6,360 6,362 6,366 6,368 6,371
8,799 8,800 8,801 8,804 8,805 8,806
9,990 9,993 9,994 9,996 9,997 9,999 10,000

Page 16

1. B
2. A
3. D
4. C
5. D
6. A
7. A
8. D
9. B
10. C

Page 17



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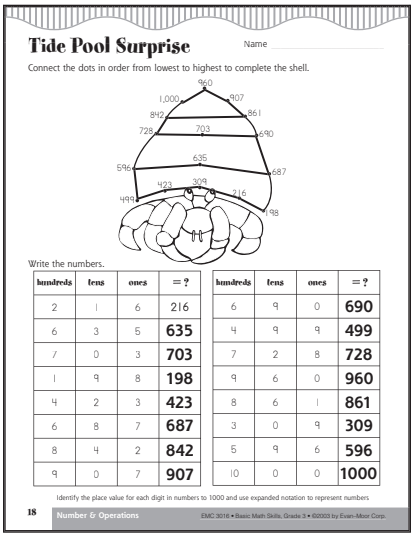


Page 19

4 hundreds + 3 tens + 8 ones = 438
400 + 30 + 8 = 438

1. 9 hundreds + 7 tens + 0 ones = 970
   900 + 70 + 0 = 970
2. 4 hundreds + 0 tens + 3 ones = 403
   400 + 0 + 3 = 403
3. 0 hundreds + 6 tens + 9 ones = 69
   0 + 60 + 9 = 69
4. 8 hundreds + 9 tens + 2 ones = 892
   800 + 90 + 2 = 892
5. 2 hundreds + 1 ten + 1 one = 211
   200 + 10 + 1 = 211
6. 6 hundreds + 0 tens + 4 ones = 604
   600 + 0 + 4 = 604
7. 3 hundreds + 8 tens + 4 ones = 384
   300 + 80 + 4 = 384
8. 10 hundreds + 0 tens + 0 ones = 1,000
   1,000 + 0 + 0 = 1,000

Page 20

1. tens
2. hundreds
3. hundreds
4. ones
5. ones
6. tens
7. hundreds
8. ones
9. hundreds
10. tens
11. tens
12. ones

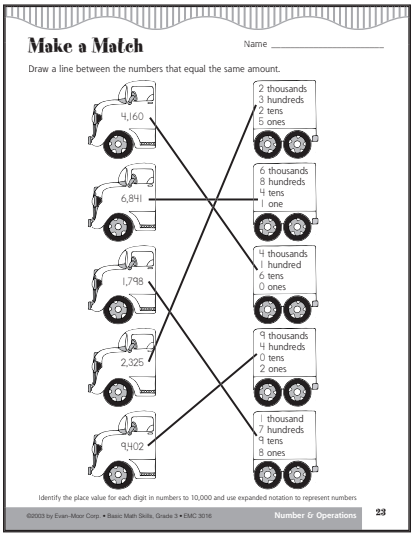
Page 21

Answers will vary, but must be three-digit numbers.

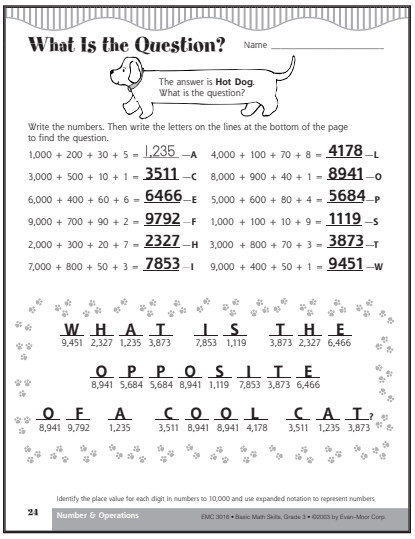
Page 22

1. C
2. A
3. D
4. B
5. C
6. A
7. C
8. A
9. B
10. C

Page 23



Page 24



Page 25

1 thousand + 2 hundreds + 5 tens + 1 one = 1,251
1,000 + 200 + 50 + 1 = 1,251

1. 2 thousands + 4 hundreds + 2 tens + 7 ones = 2,427
   2,000 + 400 + 20 + 7 = 2,427
2. 3 thousands + 1 hundred + 7 tens + 0 ones = 3,170
   3,000 + 100 + 70 + 0 = 3,170
3. 9 thousands + 1 hundred + 2 tens + 6 ones = 9,126
   9,000 + 100 + 20 + 6 = 9,126
4. 6 thousands + 9 hundreds + 7 tens + 0 ones = 6,970
   6,000 + 900 + 70 + 0 = 6,970
5. 4 thousands + 6 hundreds + 3 tens + 8 ones = 4,638
   4,000 + 600 + 30 + 8 = 4,638
6. 2 thousands + 0 hundreds + 4 tens + 3 ones = 2,043
   2,000 + 0 + 40 + 3 = 2,043
7. 9 thousands + 8 hundreds + 7 tens + 2 ones = 9,872
   9,000 + 800 + 70 + 2 = 9,872

Page 26

1. tens
2. thousands
3. hundreds
4. ones
5. ones
6. tens
7. thousands
8. ones
9. thousands
10. tens
11. hundreds
12. ones

Page 27

6,420
6 thousands
4 hundreds
2 tens
0 ones

9,831
9 thousands
8 hundreds
3 tens
1 one

9,874
9 thousands
8 hundreds
7 tens
4 ones

9,752
9 thousands
7 hundreds
5 tens
2 ones

6,432
6 thousands
4 hundreds
3 tens
2 ones

1,100
1 thousand
1 hundred
0 tens
0 ones

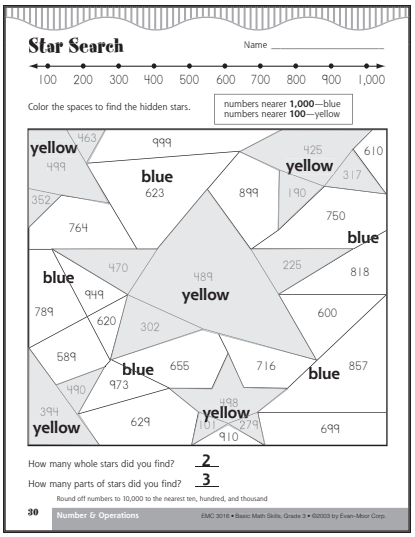
Page 28

1. B
2. D
3. C
4. B
5. D
6. A
7. B
8. A
9. C
10. B

Page 29

1. 1
2. 100
3. 1,000
4. 1,000

Page 30



Page 31

Round to the nearest **ten**.

39 <u>40</u> 52 <u>50</u> 53 <u>50</u>
64 <u>60</u> 87 <u>90</u> 26 <u>30</u>

Round to the nearest **hundred**.

199 <u>200</u> 540 <u>500</u> 225 <u>200</u>
306 <u>300</u> 863 <u>900</u> 685 <u>700</u>

Round to the nearest **thousand**.

8,127 <u>8,000</u> 6,800 <u>7,000</u> 4,789 <u>5,000</u>
2,916 <u>3,000</u> 1,439 <u>1,000</u> 5,572 <u>6,000</u>

Page 32

1. 4,640
   4,600
   5,000
2. 6,870
   6,900
   7,000
3. 2,360
   2,400
   2,000
4. 1,330
   1,300
   1,000
5. 8,650
   8,700
   9,000
6. 4,770
   4,800
   5,000

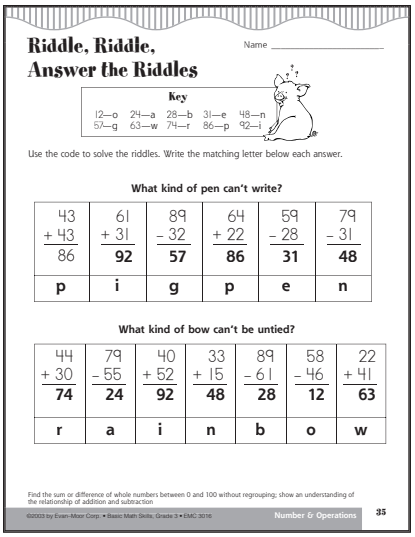
Page 33

1. round up to 440
2. round down to 600
3. round up to 3,250
4. round down to 800
5. round up to 8,200
6. round down to 4,300
7. round down to 1,000
8. round up to 3,000
9. round down to 5,000

Page 34

1. D
2. C
3. B
4. A
5. B
6. C
7. B
8. B
9. D
10. B

Page 35



Riddle, Riddle, Answer the Riddles

Name _____

Key

12—o	24—a	28—b	31—e	48—n
57—g	63—w	74—r	86—p	92—i

Use the code to solve the riddles. Write the matching letter below each answer.

What kind of pen can't write?

43 + 43 = 86	61 + 31 = 92	89 − 32 = 57	64 + 22 = 86	59 − 28 = 31	79 − 31 = 48
p	i	g	p	e	n

What kind of bow can't be untied?

44 + 30 = 74	79 − 55 = 24	40 + 52 = 92	33 + 15 = 48	89 − 61 = 28	58 − 46 = 12	22 + 41 = 63
r	a	i	n	b	o	w

Find the sum or difference of whole numbers between 0 and 100 without regrouping; show an understanding of the relationship of addition and subtraction

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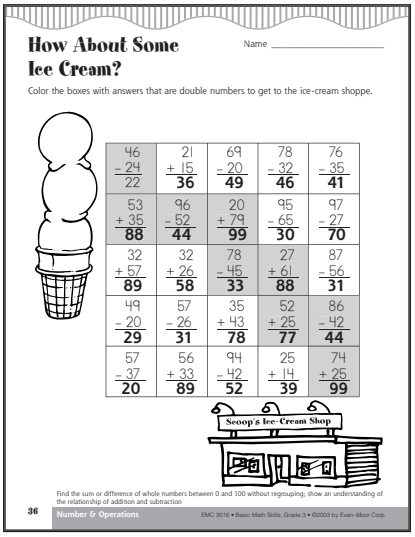
Number & Operations 35

Page 36



How About Some Ice Cream?

Name _____

Color the boxes with answers that are double numbers to get to the ice-cream shoppe.

46 − 24 = 22	21 + 15 = 36	69 − 20 = 49	78 − 32 = 46	76 − 35 = 41
53 + 35 = 88	96 − 52 = 44	20 + 79 = 99	95 − 65 = 30	97 − 27 = 70
32 + 57 = 89	32 + 26 = 58	78 − 45 = 33	27 + 61 = 88	87 − 56 = 31
49 − 20 = 29	57 − 26 = 31	35 + 43 = 78	52 + 25 = 77	86 − 42 = 44
57 − 37 = 20	56 + 33 = 89	94 − 42 = 52	25 + 14 = 39	74 + 25 = 99

Scoop's Ice-Cream Shop

Find the sum or difference of whole numbers between 0 and 100 without regrouping; show an understanding of the relationship of addition and subtraction

36 Number & Operations

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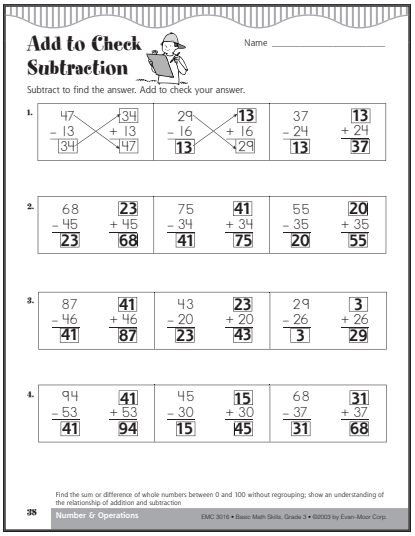
Page 37

1. 17 9 13	4. 12 16 16 69 97 47
2. 6 12 7	5. 69 97 31 55 89 32
3. 12 14 8	6. 25 99 99 51 76 21

Page 38



Add to Check Subtraction

Name _____

Subtract to find the answer. Add to check your answer.

1.	47 − 13 = 34 (34 + 13 = 47)		29 − 16 = 13 (13 + 16 = 29)		37 − 24 = 13 (13 + 24 = 37)
2.	68 − 45 = 23 (23 + 45 = 68)		75 − 34 = 41 (41 + 34 = 75)		55 − 35 = 20 (20 + 35 = 55)
3.	87 − 46 = 41 (41 + 46 = 87)		43 − 20 = 23 (23 + 20 = 43)		29 − 26 = 3 (3 + 26 = 29)
4.	94 − 53 = 41 (41 + 53 = 94)		45 − 30 = 15 (15 + 30 = 45)		68 − 37 = 31 (31 + 37 = 68)

Find the sum or difference of whole numbers between 0 and 100 without regrouping; show an understanding of the relationship of addition and subtraction

38 Number & Operations

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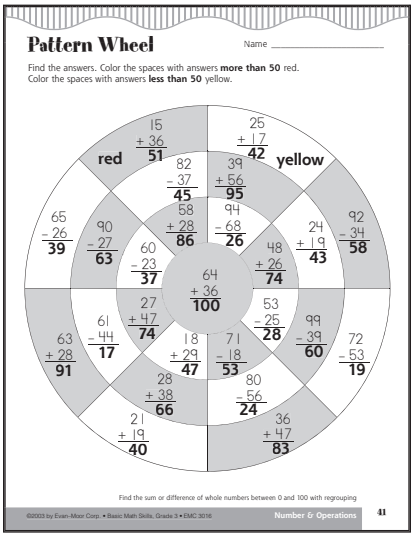
Page 39

1. 58 baseball cards
   46 + 12 = 58
2. 11 more butterfly stickers
   41 – 30 = 11
3. 69 model cars
   23 + 23 + 23 = 69
4. 11 more small marbles
   35 – 24 = 11
5. 59 stamps
   37 + 22 = 59
6. Answers will vary.

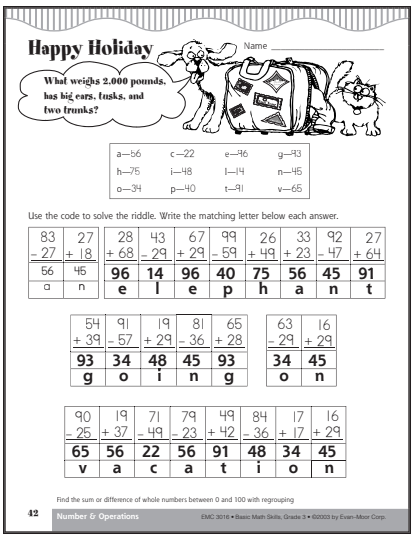
Page 40

1. B
2. A
3. C
4. B
5. D
6. C
7. D
8. B
9. A
10. D

Page 41



Page 42



Page 43

1. 101 80 98 64 59 71
2. 56 83 15 59 52 33
3. 87 7 72 70 58 64
4. 15 40 101 99 26 100
5. 83 62 36 53 80 29

Page 44

1. 24 91 16 58 91 53
2. 98 37 36 83 36 40
3. 6 29 81 6 94 82
4. 18 91 48 100 14 91
5. 37 80 92 38 92 60

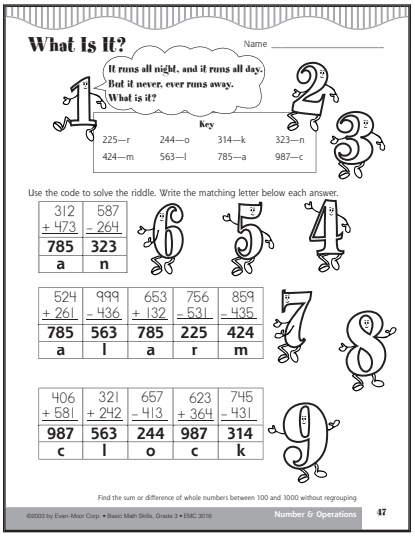
Page 45

1. 13 more bolts
   60 – 47 = 13
2. 84 tires
   58 + 26 = 84
3. 94 bikes
   24 + 51 + 19 = 94
4. 94 minutes
   65 + 29 = 94
5. 16 helmets left
   73 – 57 = 16
6. Answers will vary, but must reflect the picture.

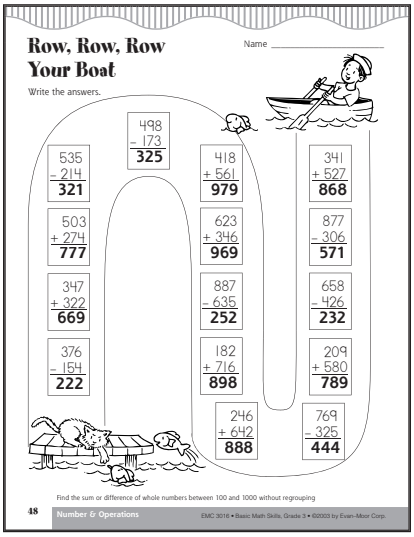
Page 46

1. C	6. D
2. B	7. C
3. A	8. A
4. D	9. B
5. C	10. A

Page 47



Page 48



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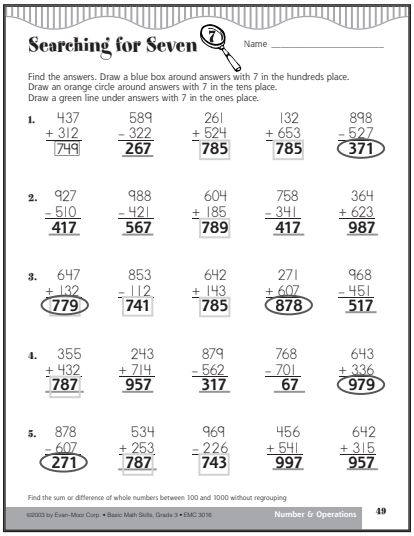
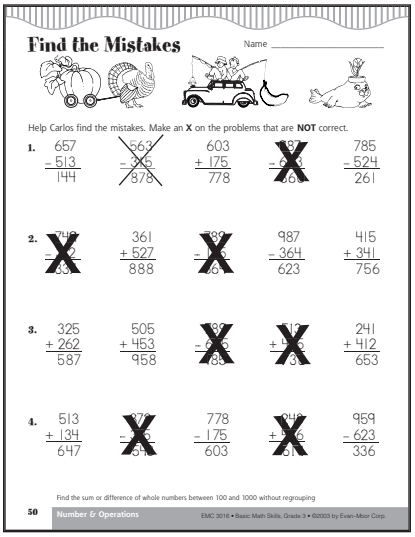


Page 50



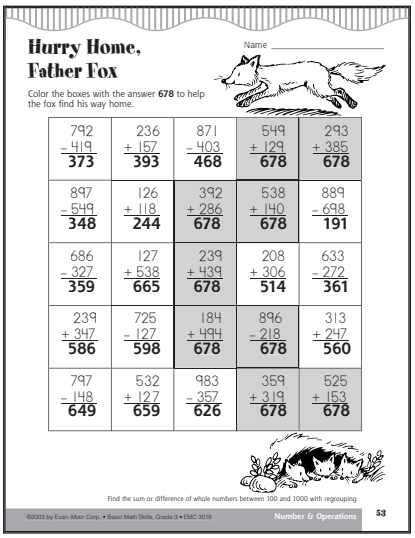
Page 51

1. 339 blueberries
2. 960 blueberries
3. 663 blueberries
4. Answers will vary.

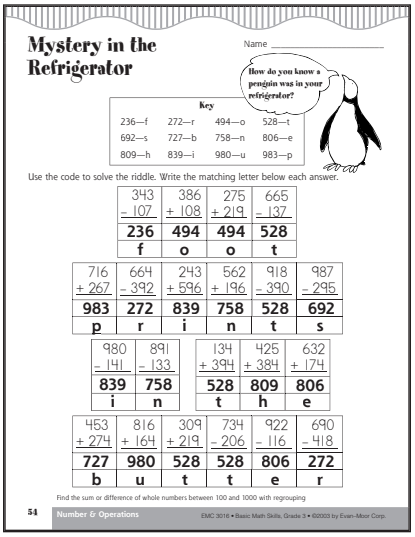
Page 52

1. C	6. A
2. D	7. A
3. C	8. C
4. D	9. A
5. B	10. A

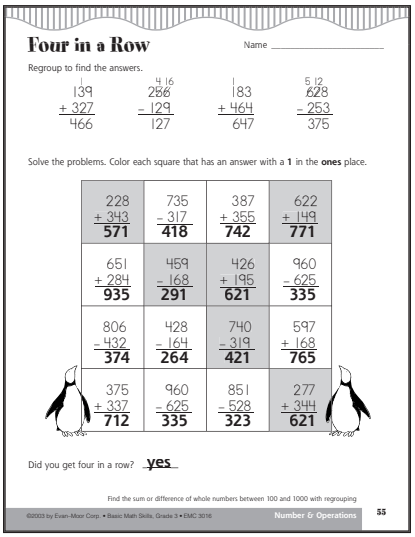
Page 53



Page 54



Page 55



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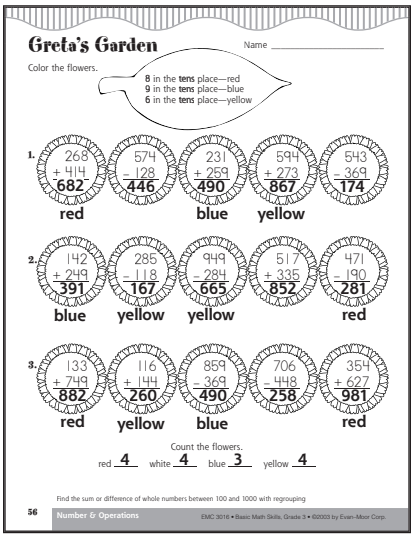


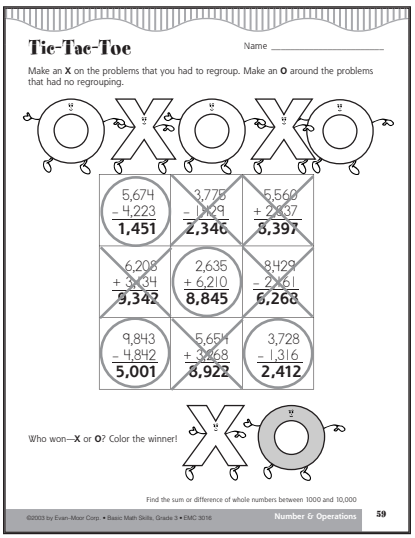
Page 57

1. $955
2. $146
3. $65
4. $590
5. $165
6. Answers will vary.

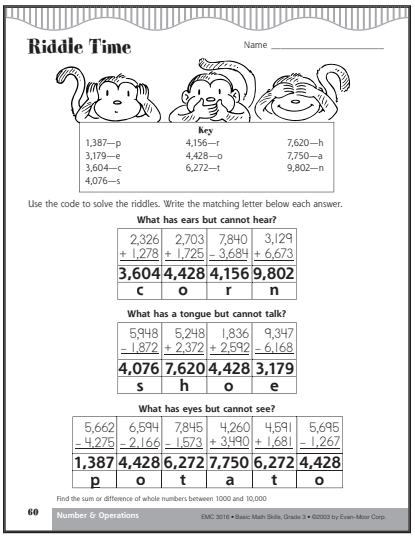
Page 58

1. C
2. A
3. A
4. C
5. C
6. D
7. C
8. B
9. D
10. C

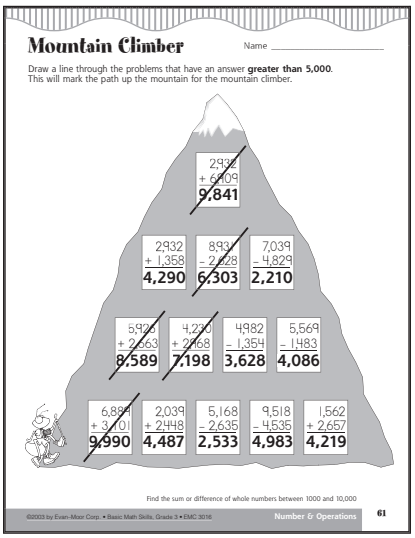
Page 59



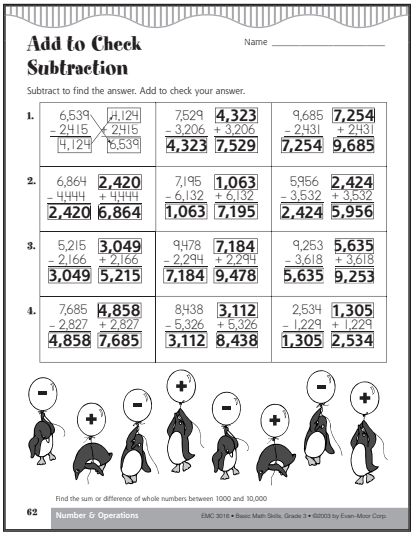
Page 60



Page 61



Page 62



Add to Check Subtraction

Name _____

Subtract to find the answer. Add to check your answer.

1.	6,539 − 2,415 = 4,124 (4,124 + 2,415 = 6,539)	7,529 − 3,206 = **4,323** (4,323 + 3,206 = 7,529)	9,685 − 2,431 = **7,254** (7,254 + 2,431 = 9,685)
2.	6,864 − 4,444 = **2,420** (2,420 + 4,444 = 6,864)	7,195 − 6,132 = **1,063** (1,063 + 6,132 = 7,195)	5,956 − 3,532 = **2,424** (2,424 + 3,532 = 5,956)
3.	5,215 − 2,166 = **3,049** (3,049 + 2,166 = 5,215)	9,478 − 2,294 = **7,184** (7,184 + 2,294 = 9,478)	9,253 − 3,618 = **5,635** (5,635 + 3,618 = 9,253)
4.	7,685 − 2,827 = **4,858** (4,858 + 2,827 = 7,685)	8,438 − 5,326 = **3,112** (3,112 + 5,326 = 8,438)	2,534 − 1,229 = **1,305** (1,305 + 1,229 = 2,534)

Find the sum or difference of whole numbers between 1000 and 10,000

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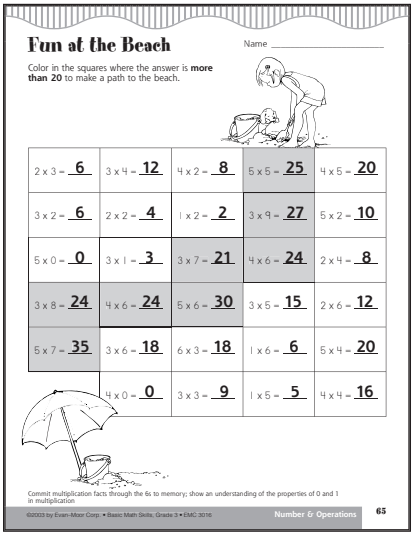
Page 63

1. Melvin
   Raul
   373 points
2. 19,527
3. 19,553
4. boys
   26 points
5. 37 points
6. Answers will vary.

Page 64

1. B	6. B
2. D	7. B
3. C	8. A
4. D	9. C
5. A	10. D

Page 65



Fun at the Beach

Name _____

Color in the squares where the answer is **more than 20** to make a path to the beach.

2 x 3 = **6**	3 x 4 = **12**	4 x 2 = **8**	5 x 5 = **25**	4 x 5 = **20**
3 x 2 = **6**	2 x 2 = **4**	1 x 2 = **2**	3 x 9 = **27**	5 x 2 = **10**
5 x 0 = **0**	3 x 1 = **3**	3 x 7 = **21**	4 x 6 = **24**	2 x 4 = **8**
3 x 8 = **24**	4 x 6 = **24**	5 x 6 = **30**	3 x 5 = **15**	2 x 6 = **12**
5 x 7 = **35**	3 x 6 = **18**	6 x 3 = **18**	1 x 6 = **6**	5 x 4 = **20**
	4 x 0 = **0**	3 x 3 = **9**	1 x 5 = **5**	4 x 4 = **16**

Commit multiplication facts through the 6s to memory; show an understanding of the properties of 0 and 1 in multiplication

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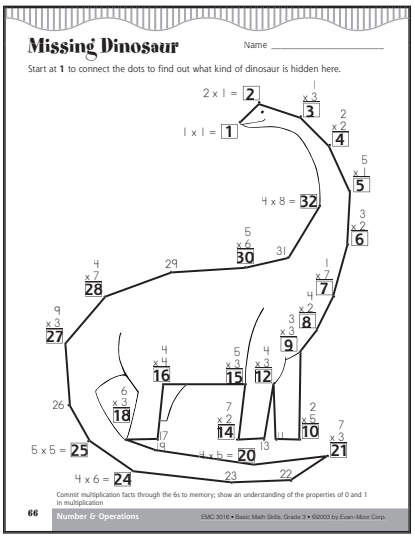
Page 66



Missing Dinosaur

Name _____

Start at **1** to connect the dots to find out what kind of dinosaur is hidden here.

2 x 1 = 2 · 1 x 1 = 1 · 1 x 3 = 3 · 2 x 2 = 4 · 5 x 1 = 5 · 4 x 8 = 32 · 3 x 2 = 6 · 1 x 7 = 7 · 4 x 2 = 8 · 3 x 3 = 9 · 4 x 3 = 12 · 5 x 3 = 15 · 2 x 5 = 10 · 7 x 3 = 21 · 4 x 5 = 20 · 4 x 6 = 24 · 5 x 5 = 25 · 6 x 3 = 18 · 7 x 2 = 14 · 4 x 4 = 16 · 9 x 3 = 27 · 4 x 7 = 28 · 5 x 6 = 30 · 29 · 31 · 26 · 23 · 22 · 13 · 11 · 9 · 7

Commit multiplication facts through the 6s to memory; show an understanding of the properties of 0 and 1 in multiplication

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Page 67

1. 2 x 6 = 12
   6 x 2 = 12
   6 x 6 = 36
2. 3 x 5 = 15
   4 x 6 = 24
   4 x 7 = 28
3. 6 x 8 = 48
   5 x 6 = 30
   6 x 9 = 54
4. 3 x 6 = 18
   4 x 8 = 32
   5 x 7 = 35

Page 68

X	0	1	2	3	4	5	6	7	8	9
0	0	0	0	0	0	0	0	0	0	0
1	0	1	2	3	4	5	6	7	8	9
2	0	2	4	6	8	10	12	14	16	18
3	0	3	6	9	12	15	18	21	24	27
4	0	4	8	12	16	20	24	28	32	36
5	0	5	10	15	20	25	30	35	40	45
6	0	6	12	18	24	30	36	42	48	54

1. A number multiplied by 1 remains the same.
   1 x 7 = 7 1 x 3 = 3 1 x 5 = 5
2. A number multiplied by 0 equals 0.
   0 x 9 = 0 0 x 4 = 0 0 x 6 = 0

Page 69

1. 15 dog cookies
2. 16 goldfish
3. 18 carrots
4. Answers will vary, but must reflect the picture.

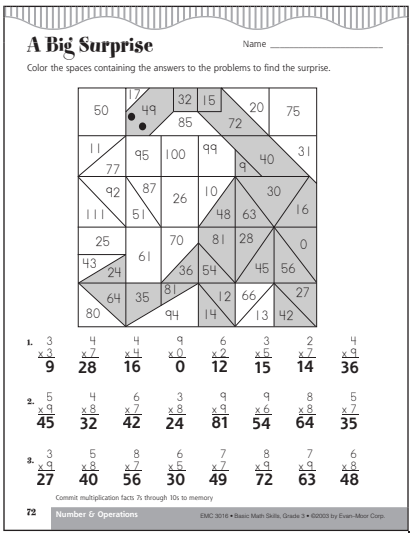
Page 70

1. B	6. B
2. B	7. C
3. C	8. C
4. B	9. B
5. D	10. D

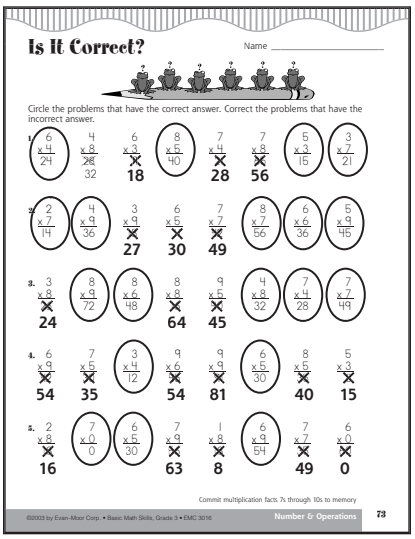
Page 71

7 x 9 = 63	8 x 9 = 72	9 x 9 = 81
7 x 8 = 56	8 x 8 = 64	9 x 8 = 72
7 x 7 = 49	8 x 7 = 56	9 x 7 = 63
7 x 6 = 42	8 x 6 = 48	9 x 6 = 54
7 x 5 = 35	8 x 5 = 40	9 x 5 = 45
7 x 4 = 28	8 x 4 = 32	9 x 4 = 36
7 x 3 = 21	8 x 3 = 24	9 x 3 = 27
7 x 2 = 14	8 x 2 = 16	9 x 2 = 18
7 x 1 = 7	8 x 1 = 8	9 x 1 = 9
7 x 0 = 0	8 x 0 = 0	9 x 0 = 0

Page 72



Page 73



Page 74

1. 2 x 6 = 12 so 6 x 2 = 12
2. 4 x 8 = 32 so 8 x 4 = 32
3. 2 x 9 = 18 so 9 x 2 = 18
4. 5 x 9 = 45 so 9 x 5 = 45
5. 3 x 8 = 24 so 8 x 3 = 24
6. 4 x 7 = 28 so 7 x 4 = 28
7. 6 x 7 = 42 so 7 x 6 = 42
8. 3 x 9 = 27 so 9 x 3 = 27
9. 2 x 8 = 16 so 8 x 2 = 16
10. 6 x 8 = 48 so 8 x 6 = 48
11. 5 x 7 = 35 so 7 x 5 = 35
12. 3 x 7 = 21 so 7 x 3 = 21

The answer is the same whichever way you multiply two numbers.

13. 30 100 60
14. 80 40 90
15. 50 70 20

When you multiply by 10, add a zero to the number you are multiplying.

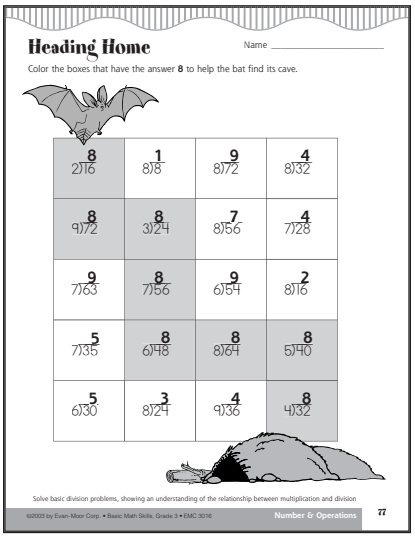
Page 75

1. 54 vegetable plants
2. 45 corn plants
3. 80¢
4. 21 hours
5. 28 more carrot plants
6. Answers will vary.

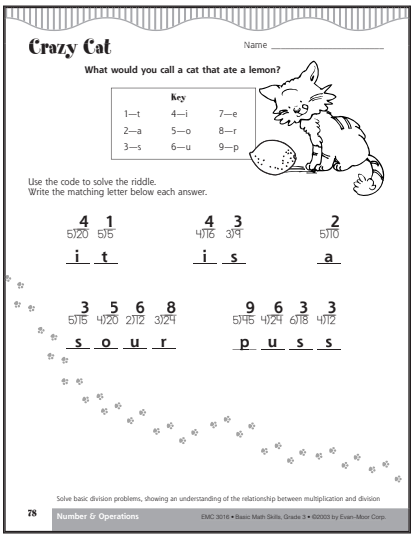
Page 76

1. C
2. B
3. C
4. B
5. D
6. A
7. C
8. C
9. D
10. C

Page 77



Page 78



Page 79

1. 4 9 6 8 6
2. 3 6 7 6 6
3. 9 8 7 3 3
4. 3 2 5 9
5. 4 8 6 1
6. 9 7 9 4

Page 80

1. 6 ÷ 2 = 3
   3 x 2 = 6
2. 8 ÷ 2 = 4
   4 x 2 = 8
3. 15 ÷ 5 = 3
   3 x 5 = 15
4. 42 ÷ 6 = 7
   7 x 6 = 42
5. 20 ÷ 5 = 4
   20 ÷ 4 = 5
   4 x 5 = 20
   5 x 4 = 20
6. 18 ÷ 3 = 6
   18 ÷ 6 = 3
   3 x 6 = 18
   6 x 3 = 18
7. 56 ÷ 7 = 8
   56 ÷ 8 = 7
   7 x 8 = 56
   8 x 7 = 56

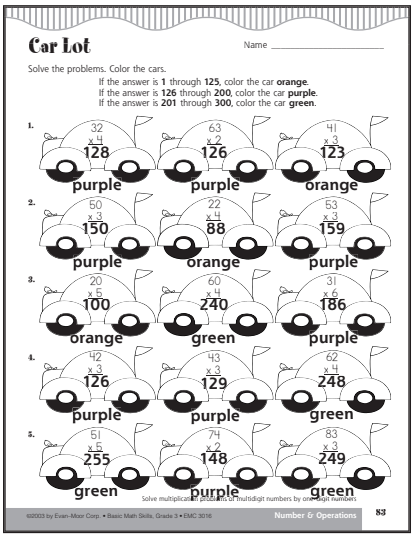
Page 81

1. 8 fish
2. 5 boxes
3. Answers will vary, but must reflect the picture.

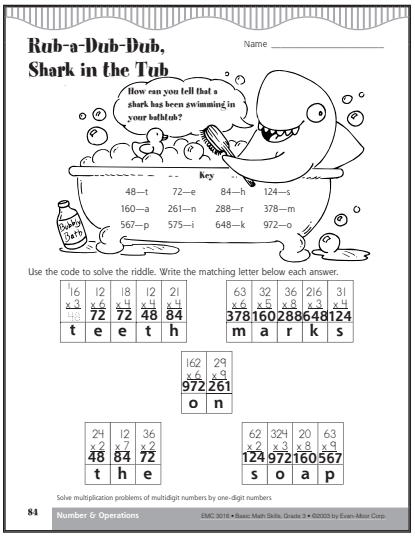
Page 82

1. C
2. B
3. C
4. A
5. B
6. D
7. C
8. D
9. C
10. B

Page 83



Page 84



Page 85

1. 75 78 136 34 135
2. 132 96 255 72 480
3. 498 370 217 477 496

Page 86

1. 72 60 90 84 99
2. 234 413 498 592 335
3. 1,284 636 904 1,296 1,755
4. 2,975 1,896 2,108 3,699 2,250
5. 12,078 8,504 18,252 6,744 16,492

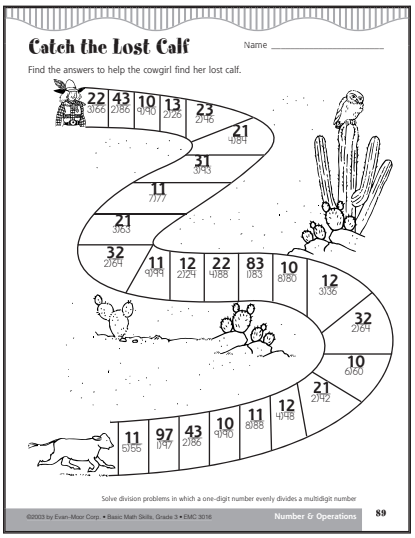
Page 87

Answers will vary.

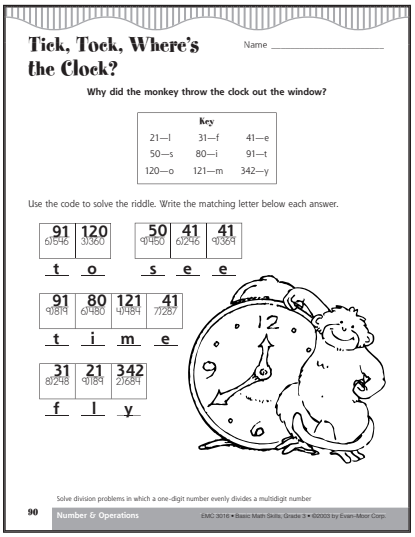
Page 88

1. D
2. B
3. D
4. C
5. D
6. A
7. C
8. C
9. D
10. A

Page 89



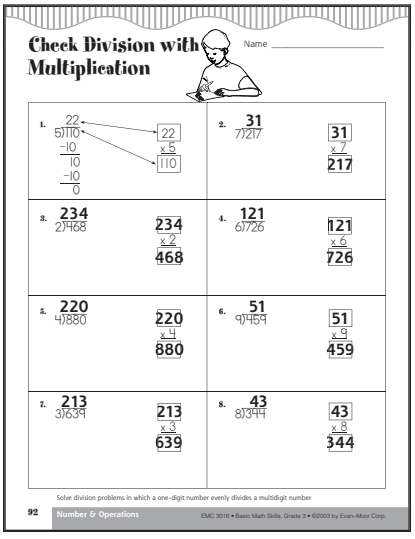
Page 90



Page 91

1. 25 13 27 12
2. 15 26 10 12
3. 17 12 18 15
4. 13 16 28 19

Page 92



Page 93

1. 9 books
2. 9 books
3. 15 books
4. 22 books

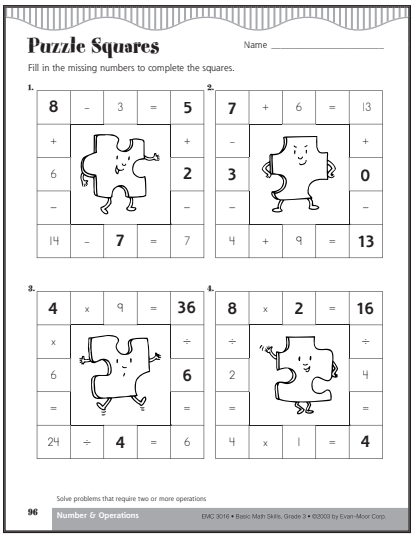
Page 94

1. C	6. A
2. B	7. C
3. B	8. D
4. D	9. C
5. A	10. C

Page 95

1. 7
2. Answers will vary; mystery number = 7
3. Answers will vary; mystery number = 7
4. Answers will vary; mystery number = 7

Page 96



Page 97

1. 18 – 10 = 8
   14 + 9 = 23
   27 – 6 = 21
2. 38 – 19 = 19
   28 + 32 = 60
   81 – 38 = 43
3. 8 x 9 = 72
   19 x 2 = 38
   9 x 6 = 54
4. 24 – 6 = 18
   15 + 3 = 18
   8 x 12 = 96
5. 32 – 16 = 16
   5 + 27 = 32
   12 x 8 = 96

Page 98

1. 16 jars
   subtract, multiply
2. 46 cups
   subtract, multiply
3. 36 spoonfuls of peanut butter
   54 spoonfuls of jam
   3 sandwiches
   multiply, divide

Page 99

1. 288 cups
   multiply
2. $2.00 change
   subtract, multiply
3. 36 batches
   multiply, divide

Page 100

1. C
2. A
3. B
4. B
5. C
6. A
7. C
8. B
9. C
10. B

Page 101

Team 1

496
532
471
517
469

Team 2

424
398
365
410
446

Page 102

Round to nearest **ten**

56 60
49 50
83 80
61 60
29 30

Round to nearest **hundred**

657 700
432 400
880 900
258 300
449 400

Round to nearest **thousand**

2,365 2,000
8,901 9,000
6,359 6,000
9,068 9,000
4,872 5,000

Page 103

1. 80 – 30 = 50
   30 + 40 = 70
   60 – 20 = 40
2. 400 – 200 = 200
   700 + 300 = 1,000
   900 + 300 = 1,200
3. 3,000 + 2,000 = 5,000
   6,000 – 1,000 = 5,000
   9,000 – 5,000 = 4,000

Page 104

1. 9,000 8,514
2. 7,000 7,450
3. 2,000 2,294
4. 3,000 2,557
5. 9,000 9,111
6. 3,000 3,328

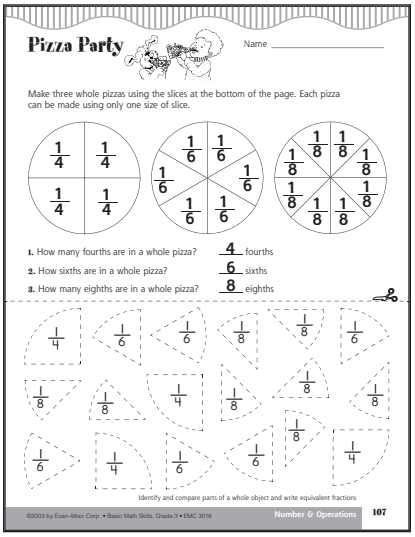
Page 105

1. 800 feet (900 – 100) **or**
   730 feet (850 – 120)
2. 220 meters
3. 100 years
   (This answer will change with the passage of time.)

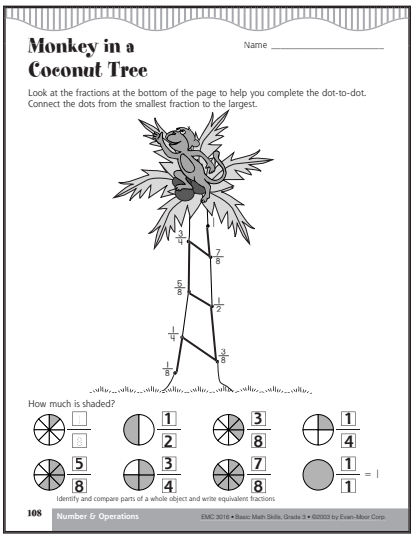
Page 106

1. B
2. B
3. C
4. A
5. C
6. B
7. C
8. D
9. C
10. D

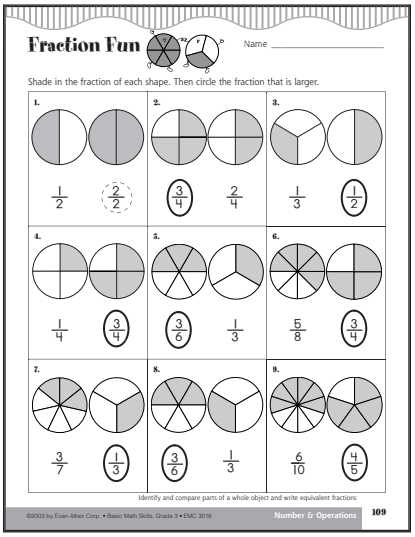
Page 107



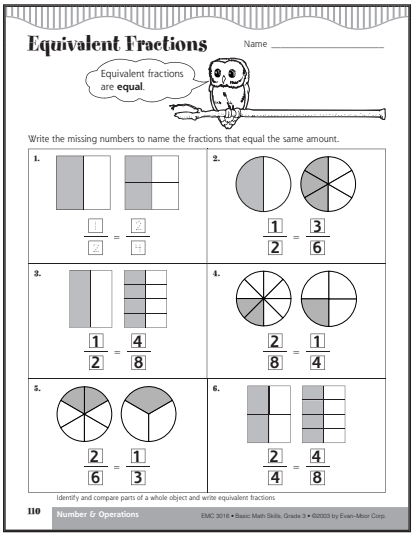
Page 108



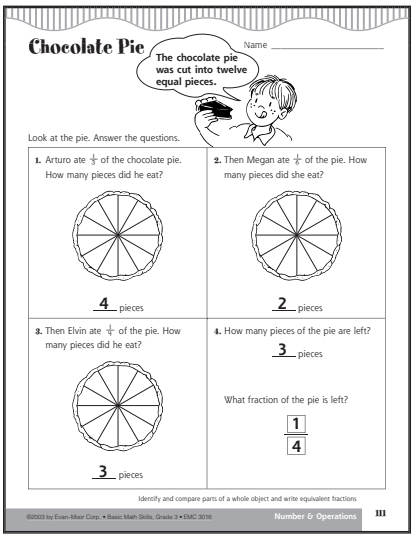
Page 109



Page 110



Page 111



Page 112

1. C
2. B
3. B
4. C
5. D
6. A
7. C
8. B
9. D
10. D

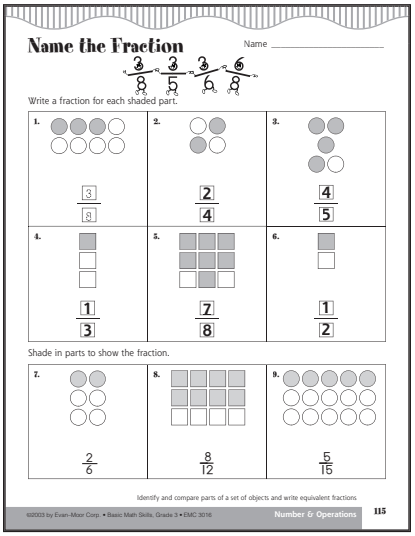
Page 113

Pictures will vary, but must show:
6 red fish/black dots
4 yellow fish/green stripes
2 purple fish/orange fins

Page 114

1. $\frac{2}{20}$
2. $\frac{1}{20}$
3. $\frac{14}{20}$
4. $\frac{3}{20}$

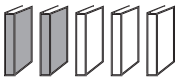
Page 115



Page 116

1. $\frac{1}{2} = \frac{3}{6}$
2. $\frac{1}{4} = \frac{2}{8}$
3. $\frac{1}{2} = \frac{2}{4}$
4. $\frac{2}{4} = \frac{4}{8}$
5. $\frac{3}{6} = \frac{6}{12}$
6. $\frac{2}{3} = \frac{4}{6}$
7. $\frac{4}{5} = \frac{8}{10}$
8. $\frac{1}{3} = \frac{3}{9}$

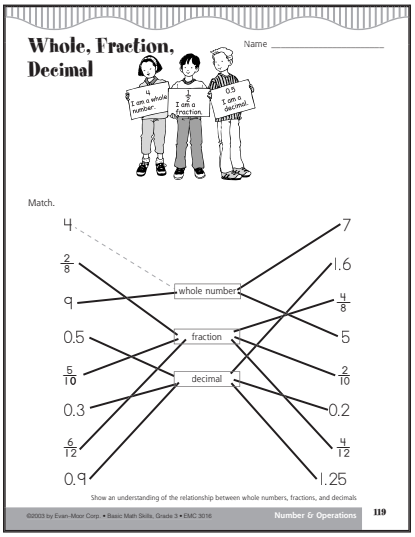
Page 117

1. 5 jelly beans
2. 2 books 
3. 8 cookies
4. 2 marbles
5. Answers will vary, but must reflect the picture.

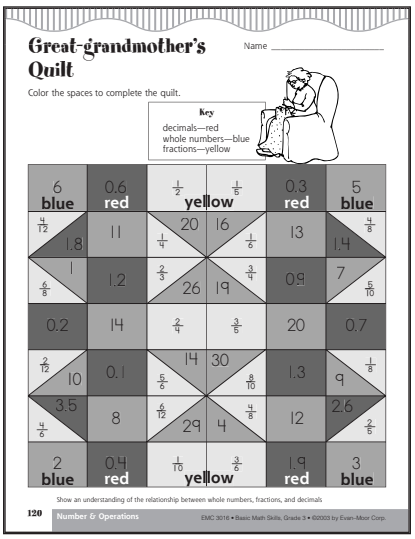
Page 118

1. D	6. B
2. B	7. C
3. A	8. D
4. C	9. D
5. B	10. B

Page 119



Page 120



Page 121

1. $\frac{1}{10}$ 0.1
2. $\frac{5}{10}$ 0.5
3. $\frac{2}{10}$ 0.2
4. $\frac{4}{10}$ 0.4
5. $\frac{6}{10}$ 0.6
6. $\frac{8}{10}$ 0.8
7. $\frac{3}{10}$ 0.3
8. $\frac{9}{10}$ 0.9

Page 122

1. $\frac{4}{10}$ 0.4
2. $\frac{1}{10}$ 0.1
3. $\frac{9}{10}$ 0.9
4. $\frac{7}{10}$ 0.7
5. $\frac{2}{10}$ 0.2
6. $\frac{5}{10}$ 0.5
7. $\frac{10}{10} = 1$

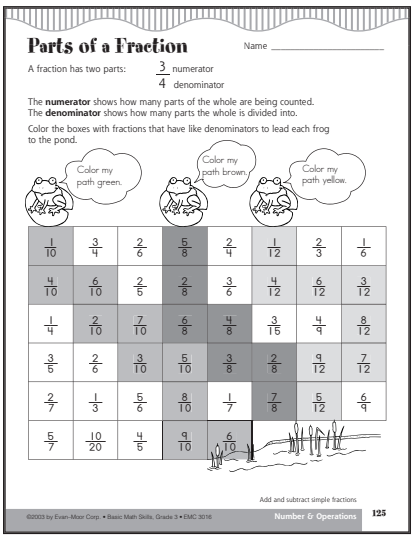
Page 123

whole number	fraction	decimal
4 cents	$\frac{4}{100}$	$0.04
12 cents	$\frac{12}{100}$	$0.12
25 cents	$\frac{25}{100}$	$0.25
100 cents	$\frac{100}{100}$	$1.00
7 cents	$\frac{7}{100}$	$0.07
83 cents	$\frac{83}{100}$	$0.83
30 cents	$\frac{30}{100}$	$0.30
2 cents	$\frac{2}{100}$	$0.02
99 cents	$\frac{99}{100}$	$0.99

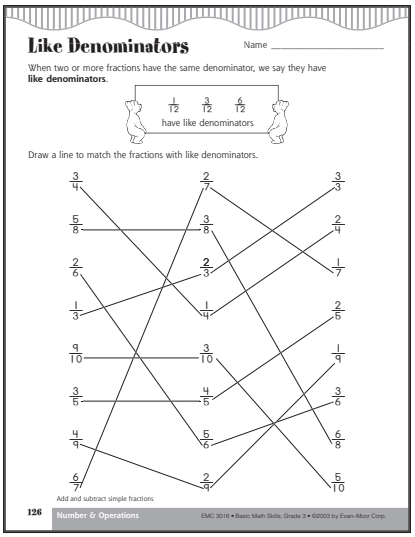
Page 124

1. C
2. B
3. C
4. A
5. D
6. B
7. C
8. C
9. D
10. A

Page 125



Page 126



Page 127

1. $\frac{5}{8}$
2. $\frac{5}{8}$
3. $\frac{6}{12}$
4. $\frac{8}{10}$
5. $\frac{2}{5}$
6. $\frac{2}{10}$
7. $\frac{4}{8}$ $\frac{3}{5}$ $\frac{5}{6}$ $\frac{11}{12}$
8. $\frac{2}{2}$ $\frac{3}{4}$ $\frac{3}{15}$ $\frac{1}{12}$

Page 128

1. $3\frac{4}{8}$ $7\frac{3}{5}$ $2\frac{3}{6}$ $4\frac{2}{3}$ $3\frac{1}{4}$ $9\frac{5}{8}$
2. $6\frac{5}{8}$ $3\frac{4}{10}$ $11\frac{5}{8}$ $8\frac{3}{4}$ $3\frac{1}{3}$ $7\frac{4}{5}$
3. $8\frac{2}{5}$ $7\frac{11}{12}$ $4\frac{9}{10}$ $10\frac{11}{12}$ $5\frac{3}{15}$ $5\frac{10}{14}$

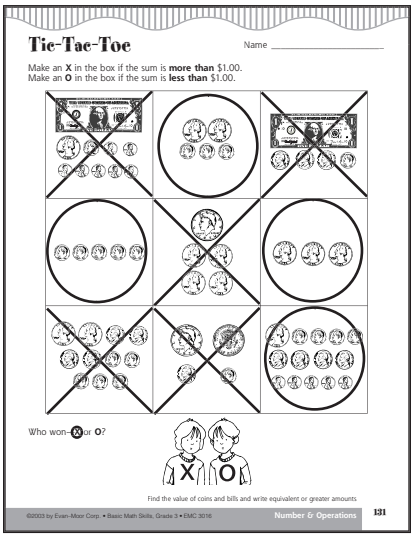
Page 129

1. $\frac{3}{8}$ was left
2. $\frac{2}{10}$ was left
3. $\frac{2}{5}$ **or** $\frac{4}{10}$ was left

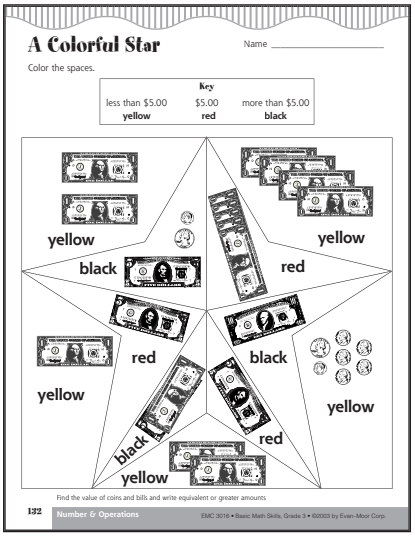
Page 130

1. B
2. C
3. D
4. B
5. B
6. C
7. B
8. A
9. C
10. B

Page 131



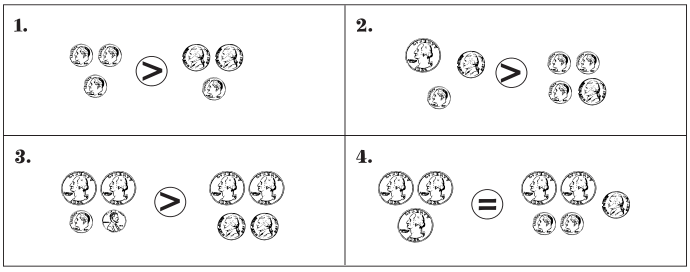
Page 132



Page 133

1. $1.93 $3.10 $4.67
2. $9.86 $2.75 $10.47
3. $1.20
4. $3.00
5. $1.50
6. $5.25
7. $7.05
8. $10.75

Page 134



5. 3 nickels < 2 dimes
6. 1 quarter = 5 nickels
7. 15 pennies < 5 nickels
8. 1 dollar = 10 dimes

5 nickels < 3 quarters
3 dimes < 3 quarters
9 dimes < 4 quarters
2 quarters > 6 nickels

Page 135

Answers will vary, but must equal $1.00.

Page 136

1. C
2. C
3. D
4. B
5. C
6. D
7. B
8. C
9. B
10. C

Page 137

1. $1.25
2. $1.22
3. $2.89

Page 138

1. $2.15
2. $2.25
3. Anna, $0.10

Page 139

1. $9.73 $5.98 $9.02 $12.06 $26.74
2. $3.35 $3.19 $2.64 $5.03 $13.35
3. $2.54 $21.00 $25.36 $23.05 $35.22
4. $1.20 $2.31 $3.12 $2.11 $7.38

Page 140

1. $3.00
   $2.00
2. $4.50
   $0.50
3. $3.00
   $2.00
4. $3.92
   $1.08
5. $8.75
   $1.25
6. $16.00
   $4.00

Page 141

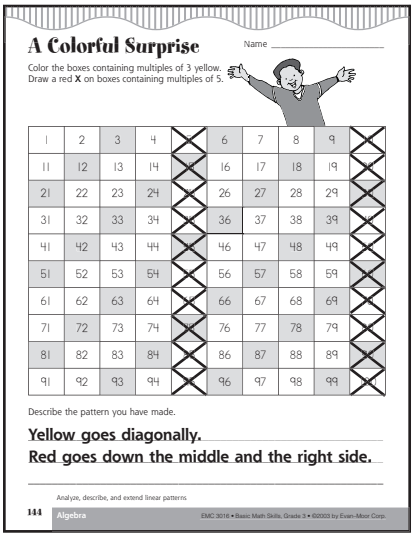
$1.80
$6.53
$2.70

1. $23.11
2. $21.03
3. $2.08

Page 142

1. C
2. A
3. B
4. B
5. D
6. C
7. C
8. A
9. B
10. C

Page 144



A Colorful Surprise

Name _____

Color the boxes containing multiples of 3 yellow.
Draw a red **X** on boxes containing multiples of 5.

1	2	3	4	X	6	7	8	9	X
11	12	13	14	X	16	17	18	19	X
21	22	23	24	X	26	27	28	29	X
31	32	33	34	X	36	37	38	39	X
41	42	43	44	X	46	47	48	49	X
51	52	53	54	X	56	57	58	59	X
61	62	63	64	X	66	67	68	69	X
71	72	73	74	X	76	77	78	79	X
81	82	83	84	X	86	87	88	89	X
91	92	93	94	X	96	97	98	99	X

Describe the pattern you have made.

Yellow goes diagonally.
Red goes down the middle and the right side.

Analyze, describe, and extend linear patterns

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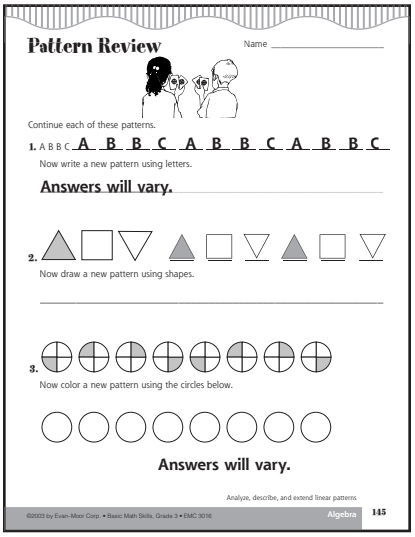
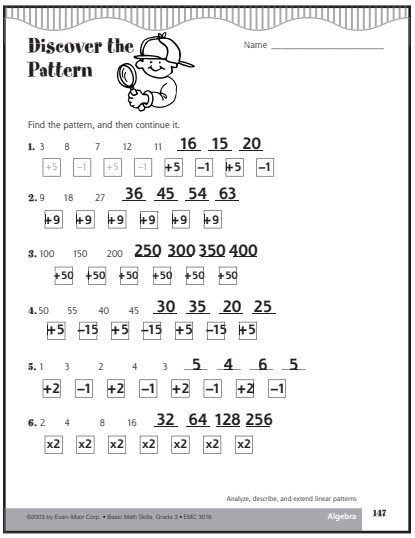
Page 145



Page 146

1. 36 38 40 42 44 46 48 50 52 54
2. 85 90 95 100 105 110 115 120 125
3. 3 6 7 10 11 14 15 18 19 22 23
4. 60 70 65 75 70 80 75 85 80 90 85
5. 1 2 4 7 11 16 22 29 37 46
6. 512
7. 7

Page 147



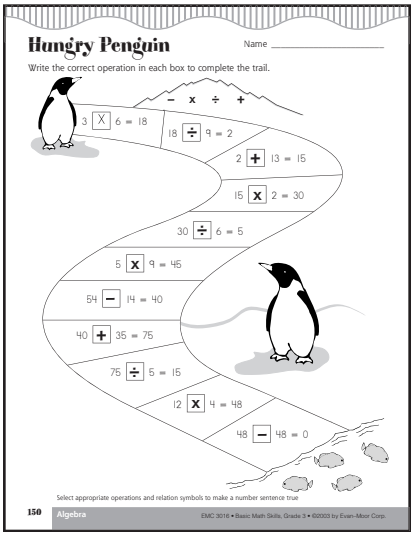
Page 148

Answers will vary.

Page 149

1. A
2. A
3. D
4. C
5. A
6. C
7. C
8. D
9. B
10. B

Page 150



Page 151

1. <
2. <
3. >
4. >
5. <
6. >

Answers will vary.

Page 152

1. 14 < 27	5 + 3 < 6 + 5
2. 81 > 66	2 x 2 = 1 x 4
3. 25 > 19	9 – 6 < 8 – 2
4. 66 < 81	6 x 3 > 2 x 7
5. 94 < 103	16 – 8 = 5 + 3
6. 197 = 197	11 – 9 < 12 – 4
7. 316 < 435	5 x 5 > 7 x 3
8. 652 > 228	4 + 8 = 6 x 2

Page 153

1. 67 – 46 = 21	73 + 14 = 87	58 – 25 = 33
2. 26 + 28 = 54	95 – 58 = 37	40 + 38 = 78
3. 5 x 8 = 40	21 ÷ 7 = 3	9 x 6 = 54
4. 3 x 6 = 18	72 ÷ 9 = 8	64 ÷ 8 = 8
5. 33 + 66 = 99	10 x 10 = 100	87 – 39 = 48
6. 7 x 5 = 35	6 + 9 = 15	45 ÷ 9 = 5
7. 43 + 57 = 100	12 ÷ 3 = 4	62 – 48 = 14
8. 6 x 6 = 36	9 ÷ 3 = 3	44 + 27 = 71

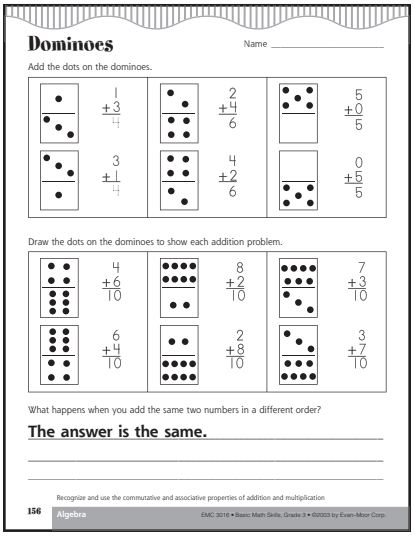
Page 154

1. 75 pies, x
2. 97 million km, –
3. 12 players, +, ÷
4. 735 people, x

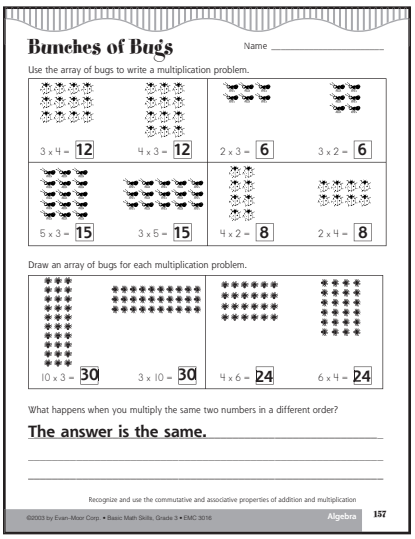
Page 155

1. B	6. C
2. A	7. B
3. A	8. A
4. B	9. C
5. D	10. D

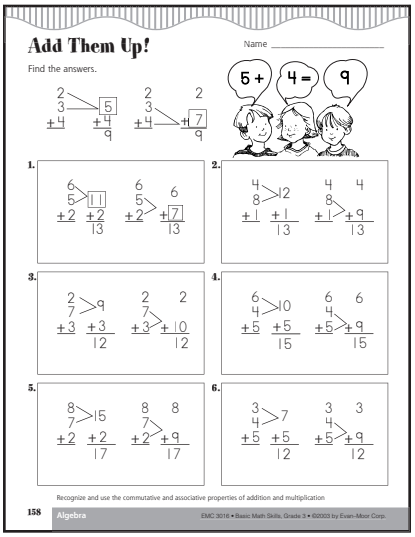
Page 156



Page 157



Page 158



Page 159

1. 3 + 3 = 6
   1 + 5 = 6
2. 11 + 4 = 15
   6 + 9 = 15
3. 10 + 5 = 15
   7 + 8 = 15
4. 9 x 2 = 18
   3 x 6 = 18
5. 8 x 8 = 64
   2 x 32 = 64
6. 12 x 1 = 12
   4 x 3 = 12

The order doesn't matter. You get the same answer whichever numbers you do first.

Page 160

Answers will vary, but must follow the rule.

Page 161

1. A	6. D
2. C	7. A
3. B	8. C
4. C	9. C
5. C	10. D

Page 162

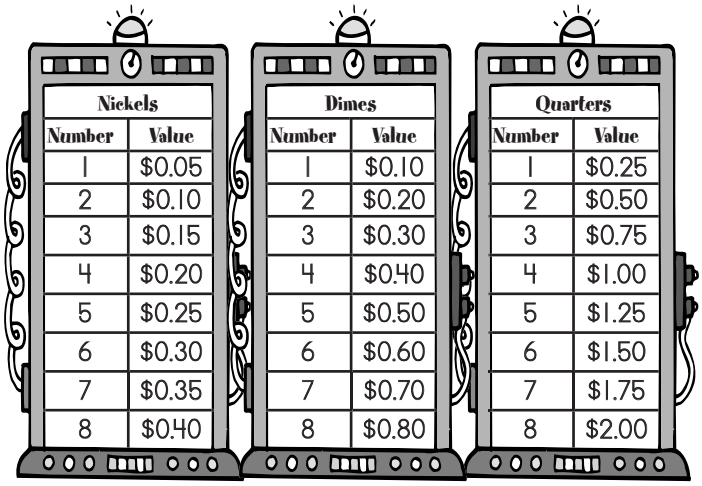
Number of Sheep	Number of Legs
1	4
2	8
3	12
4	16
5	20
6	24
7	28
8	32
9	36
10	40

The shepherd added four every time.

Page 163

1. 10 20 30 40 50 60 70 80
2. 8 16 24 32 40 48 56 64
3. 6 12 18 24 30 36 42 48

Page 164



Nickels	
Number	Value
1	$0.05
2	$0.10
3	$0.15
4	$0.20
5	$0.25
6	$0.30
7	$0.35
8	$0.40

Dimes	
Number	Value
1	$0.10
2	$0.20
3	$0.30
4	$0.40
5	$0.50
6	$0.60
7	$0.70
8	$0.80

Quarters	
Number	Value
1	$0.25
2	$0.50
3	$0.75
4	$1.00
5	$1.25
6	$1.50
7	$1.75
8	$2.00

1. added 5 cents every time
2. added 10 cents every time
3. added 25 cents every time

Page 165

Number of Books	Total Cost
1	$10.00
2	$12.50
3	$15.00
4	$17.50
5	$20.00
6	$22.50
7	$25.00
8	$27.50
9	$30.00
10	$32.50

added $2.50 each time

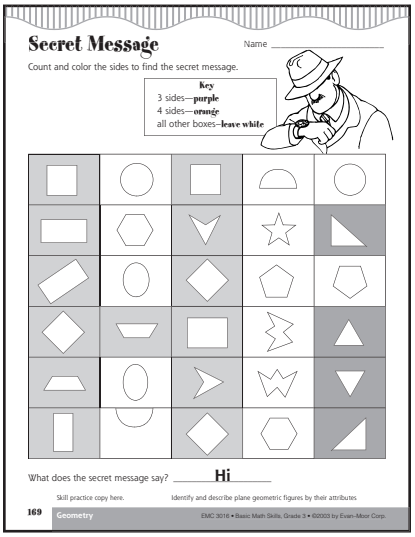
Page 166

Answers will vary.

Page 167

1. D	6. C
2. C	7. B
3. B	8. B
4. A	9. C
5. C	10. D

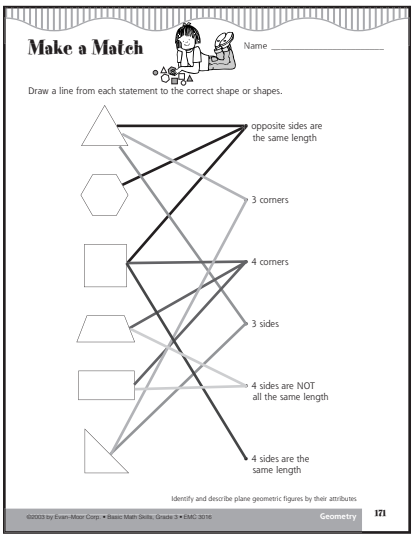
Page 169



Page 170

squares 6
hexagons 10
rectangles 4
trapezoids 12
circles 8
triangles 14

Page 171



Page 172

The hexagon, trapezoid, and parallelogram should be colored. The circle and semicircle should have an **X** on them.

The hexagon, triangle, and square should be colored. The other two shapes should have an **X** on them.

Page 173

Answers will vary, but must all be polygons.

Page 174

1. A	6. D
2. B	7. B
3. C	8. C
4. B	9. C
5. B	10. D

Page 175

Completed shape must be a cube.

Page 176

1. 1 rectangular prism, 4 cylinders
2. 1 cube, 1 pyramid
3. 4 cubes, 3 rectangular prisms, 2 cylinders, 2 cones

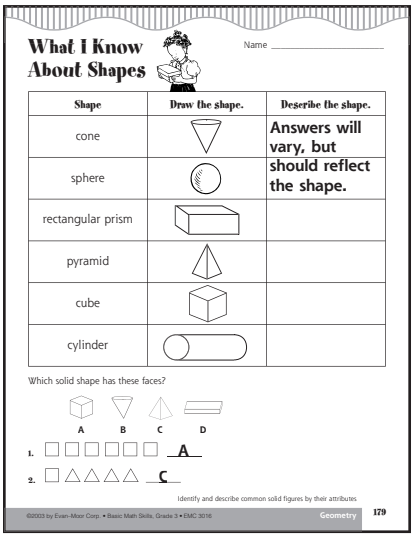
Page 177

cube
gift box
block
dice
sphere
balloon
baseball
globe
cone
megaphone
ice-cream cone
clown hat
rectangular prism
book
game box
door
cylinder
glass
food can
oatmeal box

Page 178

cube—6 faces, 12 edges, 8 vertexes
rectangular prism—6 faces, 12 edges, 8 vertexes
square pyramid—5 faces, 8 edges, 5 vertexes

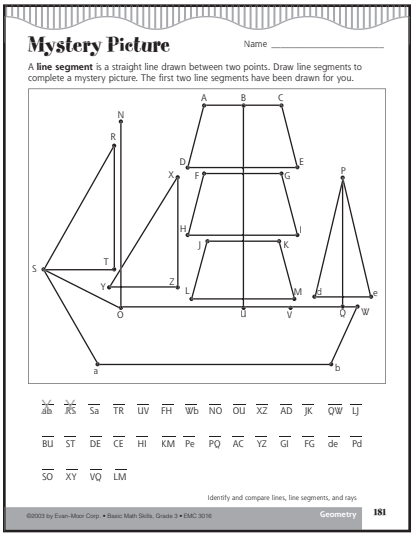
Page 179



Page 180

1. B
2. C
3. D
4. C
5. C
6. C
7. B
8. C
9. D
10. B

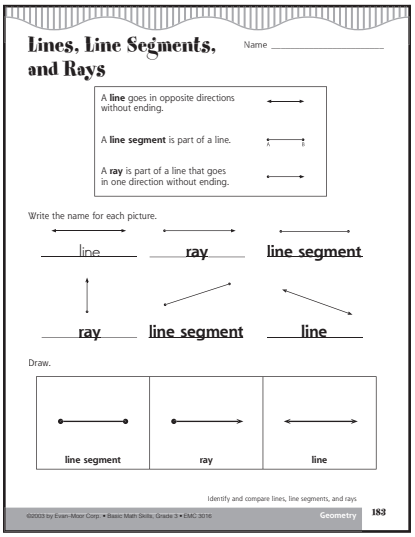
Page 181



Page 182

1. 6 rays
2. 3 lines
3. $\overline{BC}$ should be circled.
4. A black bird should be drawn over $\overline{DE}$.

Page 183



Page 184

1. a, b
2. c, d
3. a, c
4. a, d
5. b, c
6. b, d

Circle around + and box around =.
Students may also circle the horizontal line intersecting the vertical line in the 4.

Pictures will vary, but must show stated lines.

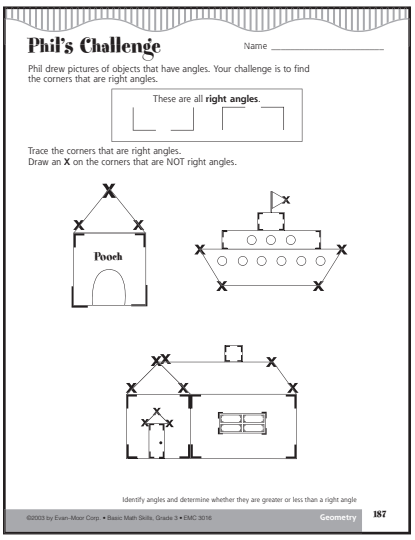
Page 185

Pictures will vary.

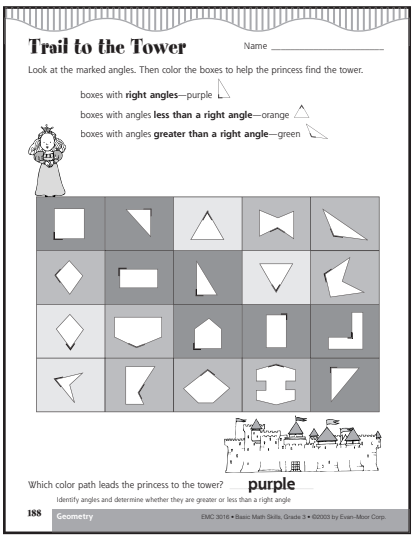
Page 186

1. B
2. C
3. B
4. A
5. C
6. D
7. A
8. C
9. B
10. C

Page 187



Page 188



Page 189

1. yes	2. no	3. no
4. no	5. yes	6. no
7. no	8. no	9. no
10. yes	11. no	12. yes

Page 190

square 4, 4, 4
triangle 3, 3, 0
circle 0, 0, 0
rectangle 4, 4, 4
right triangle 3, 3, 1
trapezoid 4, 4, 0

Page 191

Answers will vary.

Page 192

1. C	6. D
2. D	7. C
3. C	8. B
4. D	9. B
5. A	10. C

Page 194

Answers will vary.

Page 195

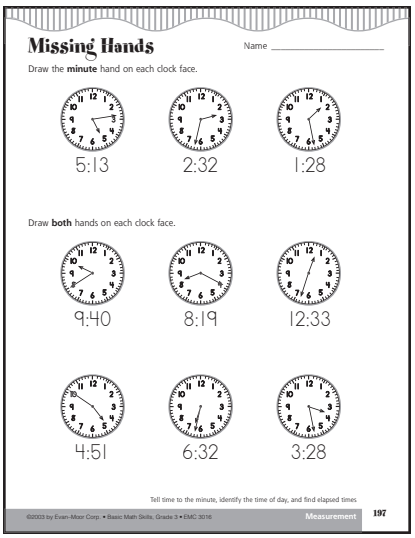
1. a.m.
2. p.m.
3. p.m.
4. a.m.
5. p.m.
6. a.m.
7. p.m.
8. p.m.
9. a.m.
10. a.m.

Lists will vary.

Page 196

1. 4:28 6:47 3:18
2. 9:12 8:34 10:07
3. 5:24 12:00 12:18
4. 7:39 5:03 1:45

Page 197



Page 198

1. 25 minutes
2. 45 minutes
3. 10 minutes
4. 2:58
5. 50 minutes
6. 4:58
7. 5:10
8. 6:28
9. 9:30

Page 199

1. C
2. B
3. C
4. C
5. B
6. A
7. C
8. D
9. B
10. C

Page 200

Answers will depend on the month in which the page is completed.

Page 201

1. 10 hours
2. 9:15 a.m.
3. twice
4. 8:30, 12:00, 7:00
5. signs autographs

Page 202

1. October 13 Sunday
   October 22 Tuesday
   October 19 Saturday
   October 30 Wednesday
2. 4 Sundays
3. 22 days
4. Halloween
5. to visit her grandmother
6. Wednesday

Page 203

1. 3 movies
2. Bear Jamboree. It is rated G and anyone can see a G movie.
3. 12:45
4. 9:30
5. $5.00
6. Juan Garcia and Alice Lee

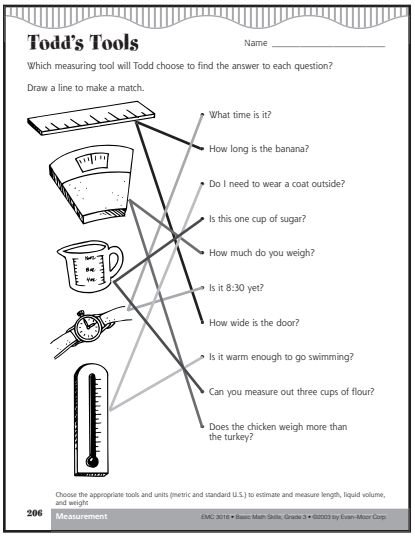
Page 204

Answers will vary.

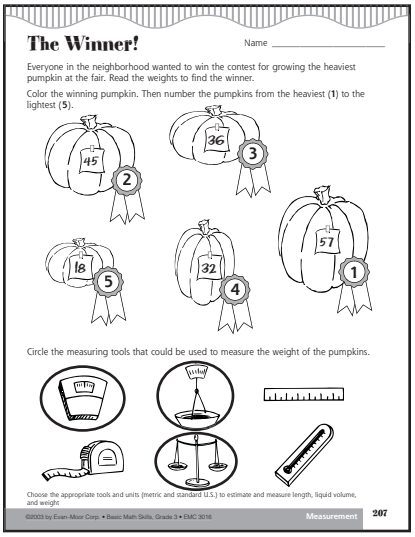
Page 205

1. D
2. B
3. C
4. C
5. C
6. D
7. A
8. C
9. D
10. A

Page 206



Page 207



Page 208

Estimates will vary.
carrot 4½ inches
tomato 2 inches
potato 2½ inches
bean 3 inches
squash 3½ inches
pea ½ inch

Page 209

1. quart
2. pint
3. gallon
4. quart

Page 210

Answers will vary.

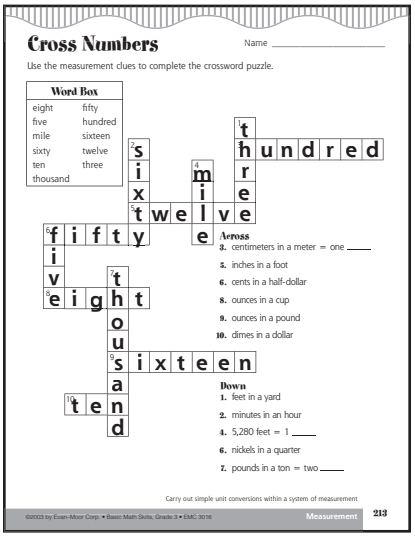
Page 211

1. B	6. C
2. A	7. D
3. B	8. C
4. D	9. C
5. B	10. B

Page 212

1. 4 pounds of hamburger meat
2. 4 quarts of ice cream
3. 2 gallons of juice

Page 213



Cross Numbers

Name _____

Use the measurement clues to complete the crossword puzzle.

Word Box

eight	fifty
five	hundred
mile	sixteen
sixty	twelve
ten	three
thousand	

Across
3. centimeters in a meter = one ____
5. inches in a foot
6. cents in a half-dollar
8. ounces in a cup
9. ounces in a pound
10. dimes in a dollar

Down
1. feet in a yard
2. minutes in an hour
4. 5,280 feet = 1 ____
6. nickels in a quarter
7. pounds in a ton = two ____

Carry out simple unit conversions within a system of measurement

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Page 214

1. 420 seconds
2. 180 minutes
3. 96 hours
4. 7 days, 168 hours
5. 12 months, 52 weeks
6. 60 months, 260 weeks

Bonus: Answers will vary.

Page 215

1. 36 inches
2. 9 yards
3. 600 centimeters
4. 2 yards—2 yards is 72 inches. 72 inches is more than 48 inches.
5. 6 meters—A meter is 100 centimeters, so 6 meters will be 600 centimeters.
6. Both 54 inches and 4½ feet are the same and both are larger than 1 yard, which is 36 inches.

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Page 216

1. 1 quart = 4 cups
   3 quarts = 12 cups
2. 1 quart = 2 pints
   5 quarts = 10 pints
3. 2 cups < 1 quart
4. 2 pints > 3 cups
5. 4 quarts > 3 pints

1 gallon = 16 cups
2 pints = 4 cups
1 gallon = 8 pints
2 1/2 gallons = 20 pints
16 ounces = 1 pint
8 cups = 2 quarts
6 pints < 1 gallon

Page 217

1. B
2. C
3. B
4. C
5. D
6. C
7. D
8. B
9. B
10. D

Page 218

1. fence 96
2. barn 30
3. chicken coop 18
4. pasture 60
5. apple orchard 36

Page 219

1. 15 cm
2. 14 cm
3. 18 cm
4. 12 cm
5. 12.5 cm
6. 12 cm

Page 220

1. 12
2. 16
3. 12
4. 8
5. 12
6. 16
7. 49

Page 221

1. 43 inches
2. 42 inches
3. 170 inches

Page 222

Answers will vary.

Page 223

1. C
2. D
3. D
4. C
5. B
6. A
7. B
8. D
9. C
10. C

Page 224

1. 6 square floor tiles
2. 12 square floor tiles
3. 16 square floor tiles
4. 11 square floor tiles
5. 50 square floor tiles

Page 225

Patterns will vary, but must consist of 8 squares touching on at least one side.

Page 226

24 cubes
There are two layers of 12 cubes.
That makes 24 in all.

Page 227

1. 10
2. 5
3. 8
4. 6
5. 30
6. 10

Page 228

Answers will vary.

Page 229

1. C
2. B
3. A
4. A
5. D
6. B
7. D
8. A
9. A
10. B

Page 231

1. 5 children
2. four square, tag, dodge ball, basketball
3. tag
4. dodge ball
5. 25 children

Page 232

1. true—circle I
2. false—circle K
3. true—circle M
4. false—circle L

MILK

Page 233

1. Roberta
2. Ray
3. 20
4. Renaldo
5. Reggie
6. 15 cans

Page 234

1. pets in Room 9
2. 9
3. cat
4. 5
5. snake
6. Yes, because there are more than 20 pets shown on the graph.

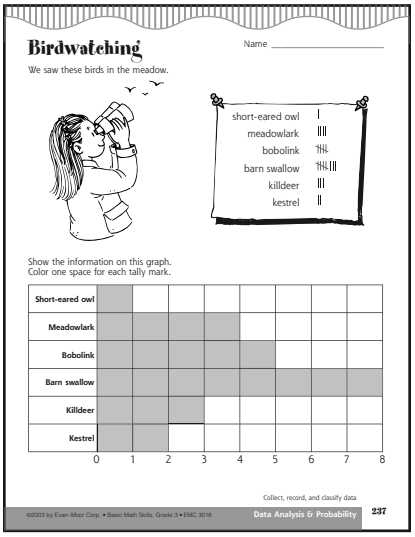
Page 235

1. adventure
2. mystery, 25 more
3. 30
4. 20
5. 165

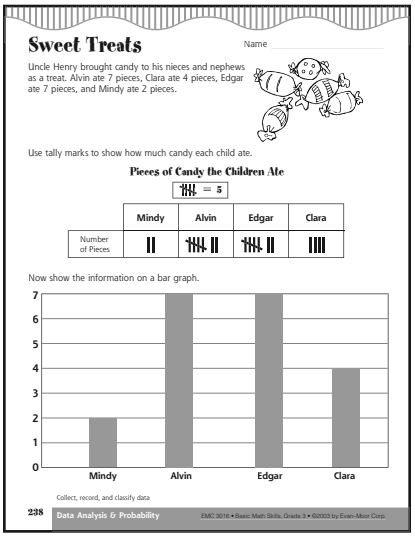
Page 236

1. B
2. B
3. C
4. D
5. D
6. C
7. B
8. B
9. C
10. B

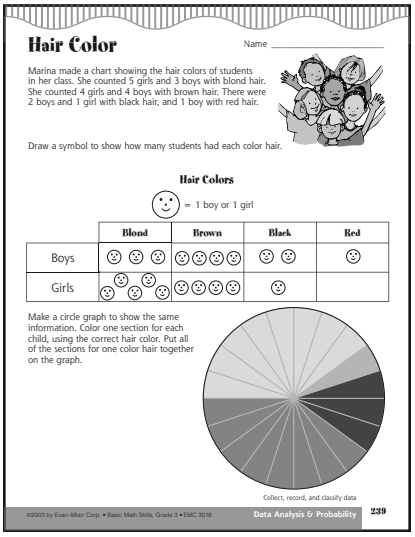
Page 237



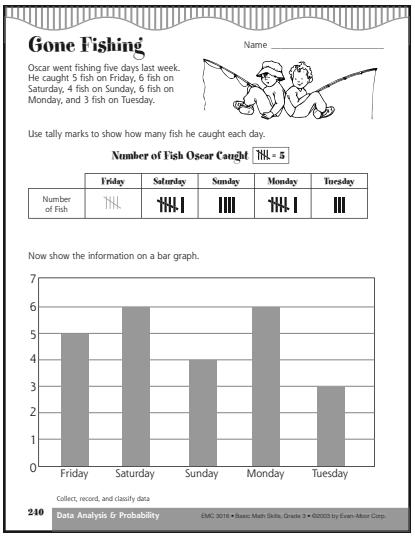
Page 238



Page 239



Page 240



Page 241

Answers will vary.

Page 242

1. B
2. C
3. A
4. B
5. D
6. B
7. A
8. D
9. C
10. D

Page 243

1. red—There are more red jelly beans than any other color.
2. black—There are fewer black jelly beans than any other color.
3. Answers will vary, but cannot be the given jelly bean colors. It is impossible because that color is not in her bag.
4. certain—There are only white jelly beans, so that is what she would have to pick.

Page 244

1. More likely—There are more red socks than blue socks.

2 Less likely—There are fewer blue socks than red socks.

3. Impossible—There are no black socks.

Page 245

1. Hammy—There are more slips of paper with "Hammy" than any other.
2. Boots—There are fewer slips of paper with "Boots" on them.
3. Any name other than "Hammy", "Fluffy", or "Boots." There is no slip of paper with that name on it.

Page 246

1. The middle spinner with four sections should be circled. There are four letters with answers, so there must be four sections on the spinner.
2.

Page 247

Answers will vary.

Page 248

1. C
2. A
3. C
4. B
5. C
6. D
7. A
8. A
9. A
10. C

Page 250—Timed Tests

Test 1

0 6 24 20 0 4 16 10 27 35
18 2 16 4 16 15 12 5 32 48
14 12 8 24 12 9 4 18 5 45
10 6 30 12 8 18 25 6 36 0

Test 2

54 12 15 6 48 45 12 9 24 36
0 9 40 42 36 35 32 0 21 54
27 32 30 24 28 25 30 42 35
21 24 20 18 0 15 20 18 36 28

Page 251

Test 3

49 56 48 36 20 30 0 63 16 25
45 30 42 64 72 54 35 48 24 56
63 40 54 72 45 12 81 14 27 36
21 32 42 24 40 28 35 0 15 18

Test 4

0 18 35 0 63 40 54 72 30 56
56 48 45 14 20 30 0 63 21 45
49 36 10 27 8 28 64 6 18 36
24 18 21 32 42 12 81 24 25 54

Page 252

Test 5

14 72 18 36 80 27 90 40 63 0
28 64 63 24 81 48 30 35 18 20
45 42 16 36 24 72 60 32 25 18
54 56 40 30 49 48 21 54 70 15

Test 6

56 18 18 36 81 50 21 54 30 12
63 42 72 80 45 42 16 36 24 0
12 64 63 24 24 72 30 30 27 35
14 48 90 40 28 54 56 49 48 25

Page 253

Test 7

6 5 3 6 5 1 5 3
1 2 8 2 1 6 3 2
8 6 1 4 8 3 5 5
4 9 2 9 1 4 3 4

Test 8

7 6 9 4 9 7 10 6
4 10 10 5 8 3 8 9
7 7 9 2 10 5 8 3
9 7 10 6 4 8 4 3

Page 254

Test 9

1 1 7 7 2 3 1 3
9 2 4 2 9 5 5 3
4 8 6 6 4 5 8 7
5 7 9 8 6 9 4 3

Test 10

5 7 1 3 9 1 4 2
9 5 5 8 7 7 4 5
6 1 2 8 7 3 8 6
9 9 4 2 2 3 6 4

Page 255

Test 11

3 1 6 9 3 1 10 2
8 7 7 10 6 7 9 7
7 8 1 4 6 9 8 2
9 2 10 9 4 2 4 5

Test 12

4 3 7 6 4 5 5 4
9 10 7 8 8 5 8 5
3 6 3 6 8 6 10 8
1 4 7 9 5 9 3 9

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About the Author

Jo Ellen Moore is one of the founders of Evan-Moor Educational Publishers. She taught elementary school for more than 20 years before beginning a second career in writing and publishing. She is the author of almost 200 teacher resource and activity books spanning all areas of the curriculum.

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reading	social studies	thematic units
writing	geography	arts & crafts
math	science	

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- In 1979, Joy Evans and Jo Ellen Moore were team-teaching first grade in a Title I school. They decided to put ideas that worked for their students into a book. They joined with Bill Evans (Joy's brother) to start Evan-Moor Educational Publishers with one book.
- Bill and Joy's parents' garage served as the warehouse and shipping facility.
- The first catalog was a folded 8½" x 11" sheet of paper!

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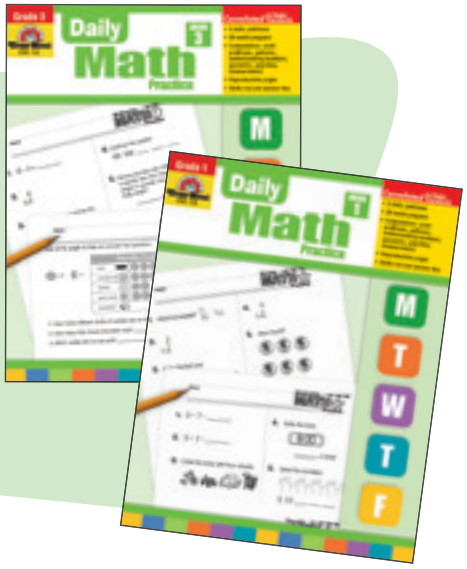

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