

Math Is CAtegorical™

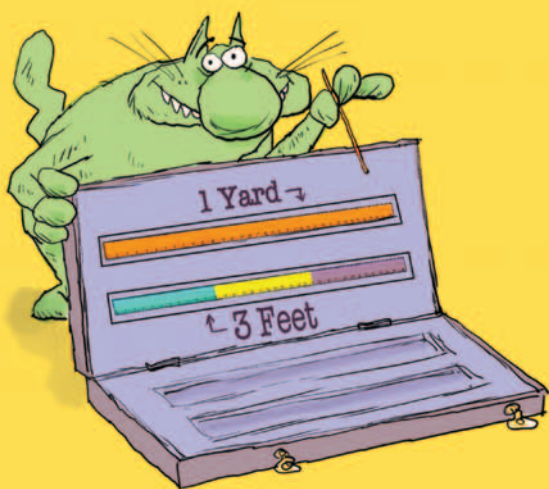


How Long or How Wide?

A Measuring Guide



by Brian P. Cleary
illustrated by Brian Gable



In this humorous look at length, **Brian P. Cleary** and **Brian Gable** introduce essential units—from millimeters to yards. The comical cats of the wildly popular **Words Are CAtegorical™** series show how to measure length, width, and height. Peppy rhyme, goofy illustrations, and kid-friendly examples make short work of this tall topic.

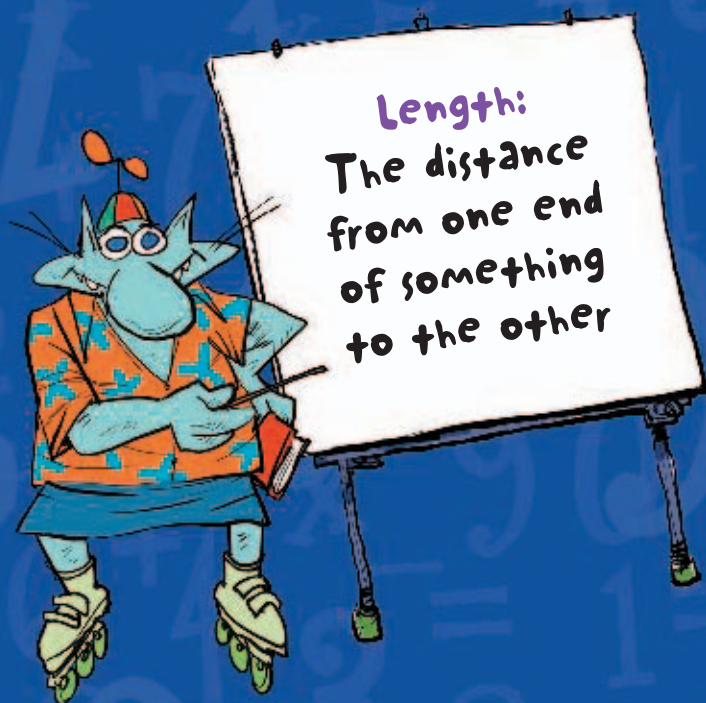
How Long or How Wide?

A Measuring Guide





To Renee
—B.P.C.



Length:

The distance
from one end
of something
to the other

A short note about length:

People in the United States and Canada have two systems to measure length. One is called the English system, or the U.S. customary system. It uses inches, feet, and yards. The other system is called the metric system, or International System of Units. It uses millimeters, centimeters, decimeters, and meters. People in many countries use only the metric system.



How Long or How Wide?

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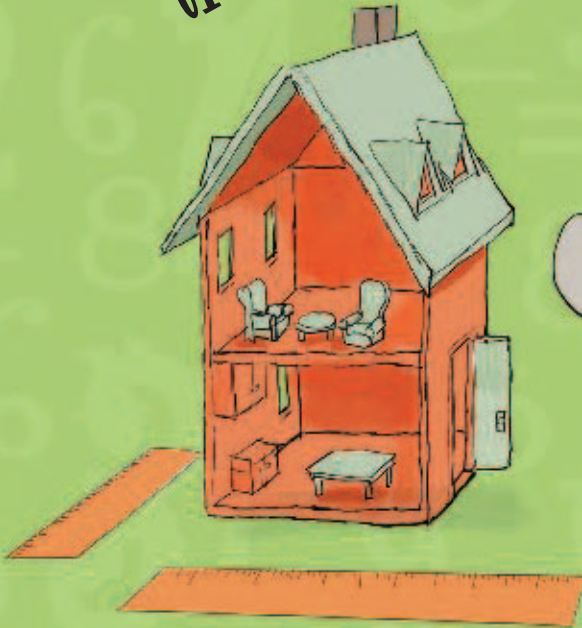
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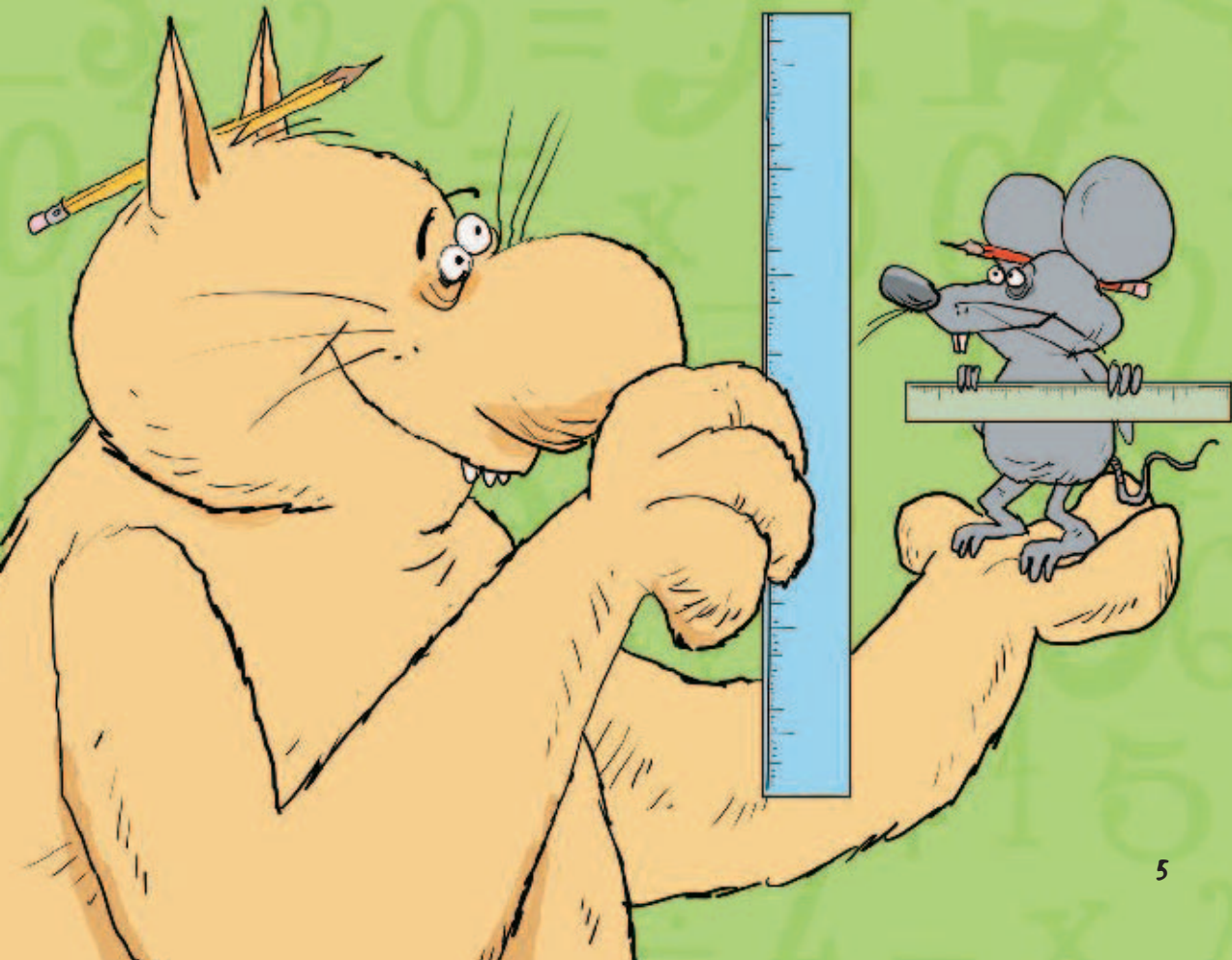
A table,
a teacher,
a building,
or creature,



a stuffed teddy bear
that you've treasured,

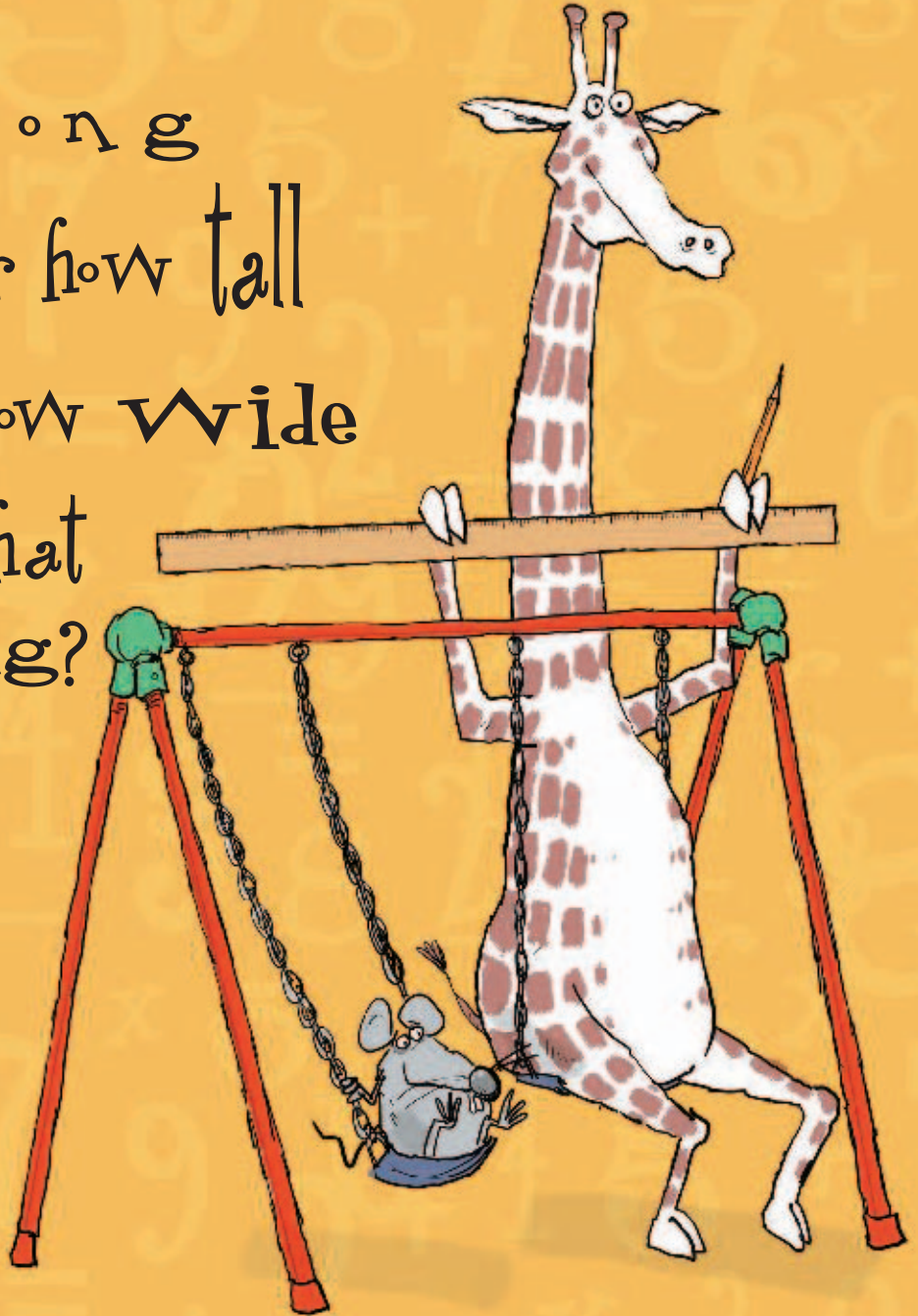


What size are they all?
The big and the small?
Each one of these things
can be measured!



Length answers the riddle
for large things or little.

How long
or how tall
or how wide
is that
swing?



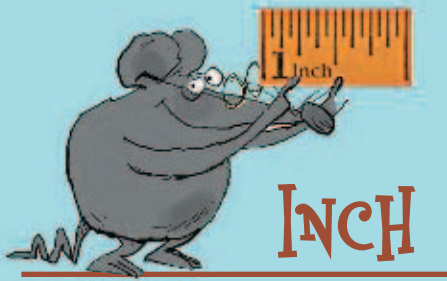
or your ring?



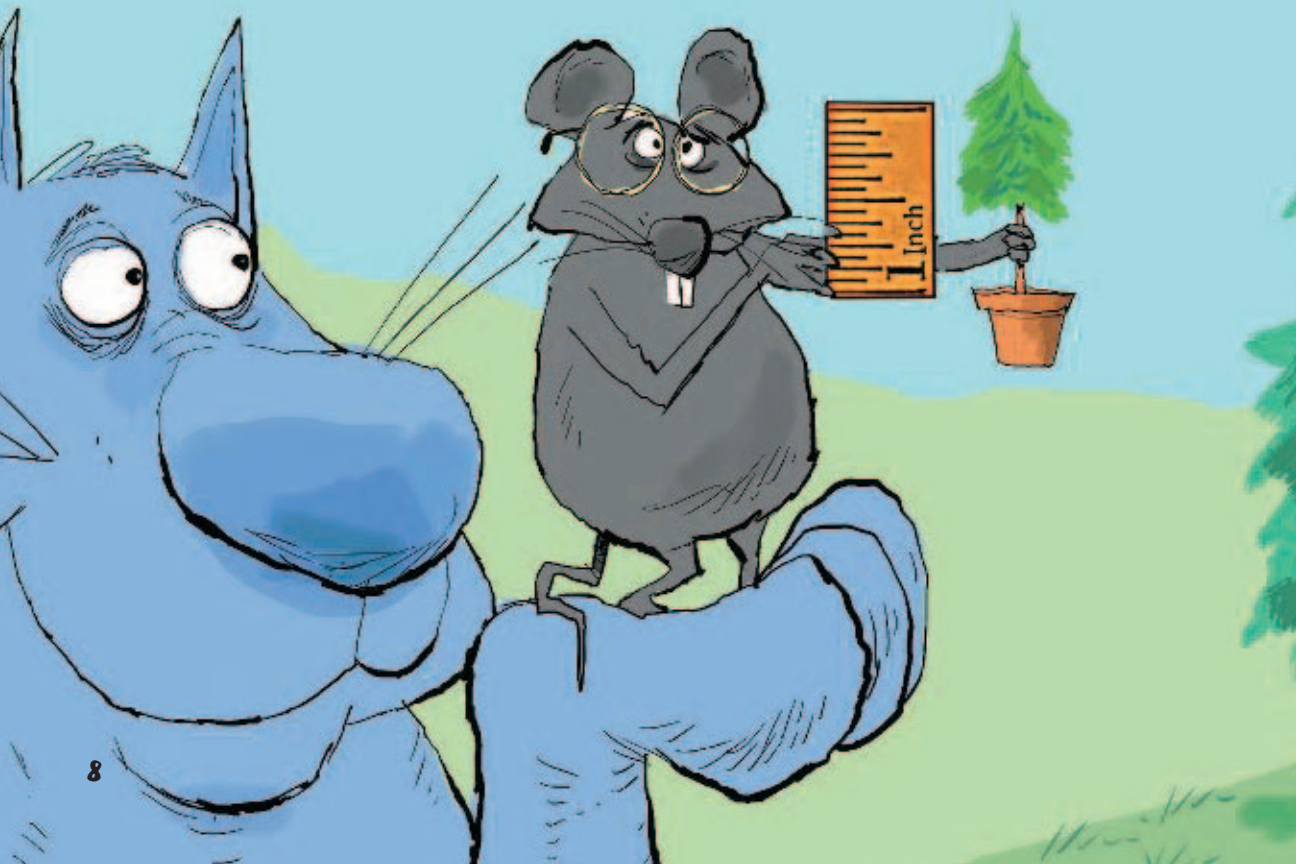
Or a dinosaur wing?



or the ladder that leads to the slide?

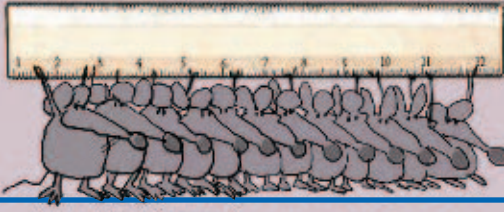


1 *inch* looks like this,
and it's easy to miss,
because of its very small size.



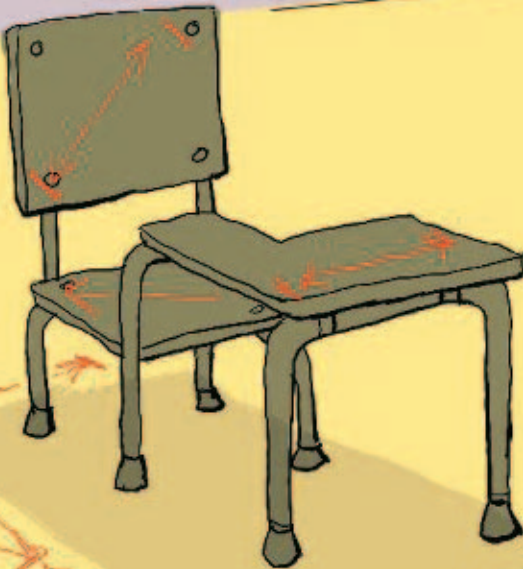
But it shows us its might
When it helps tell the height
of the trees that reach up to the SKIES.





FOOT

12 inches together
make 1 foot, so whether
you measure a desk or a door,





each **12-inch**-long line
is a definite sign
that you've measured another **foot** more.

And see this—it's cool—
inches live on this tool.



It's a measuring stick
called a ruler.



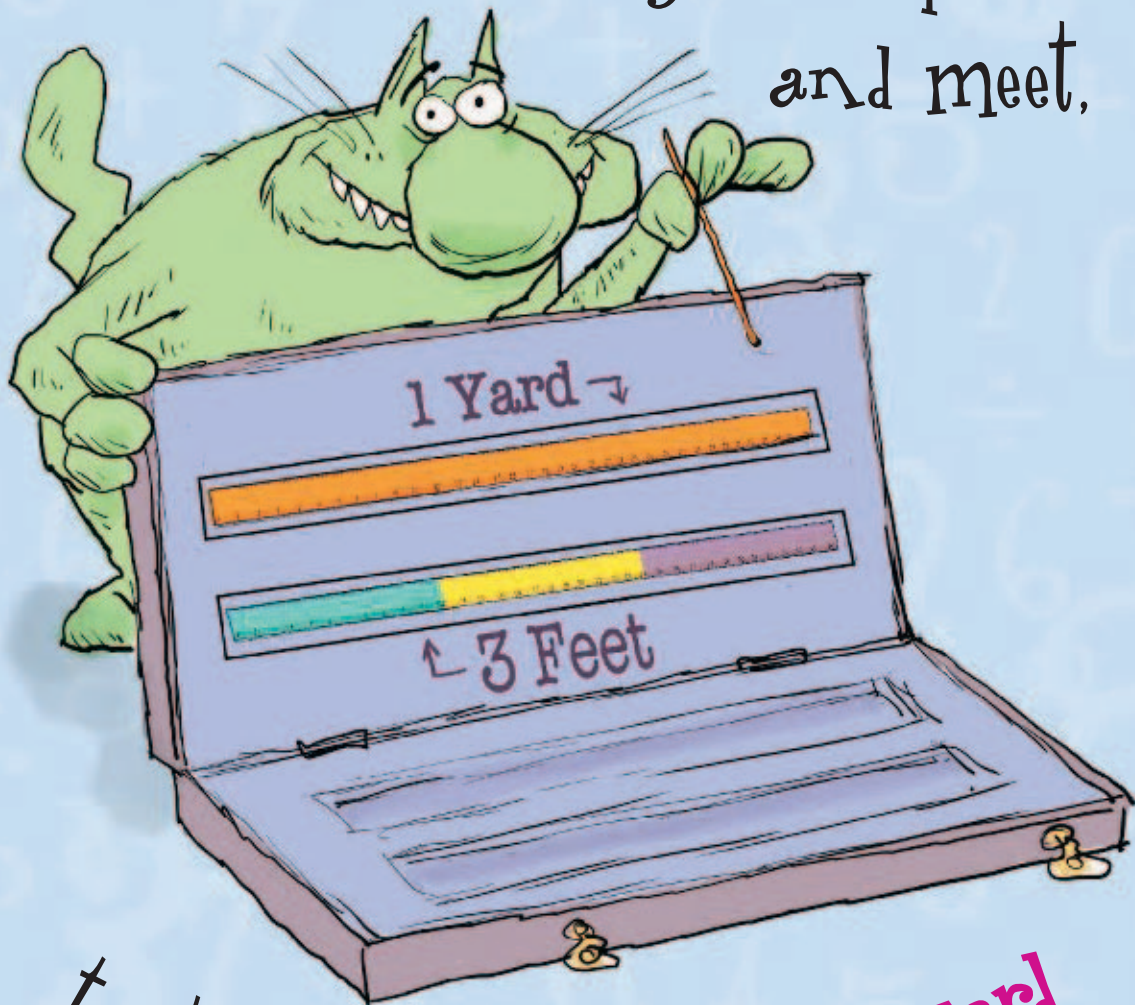
*A 12-inch collection,
1 foot of perfection.*

the right size
for every grade-schooler!

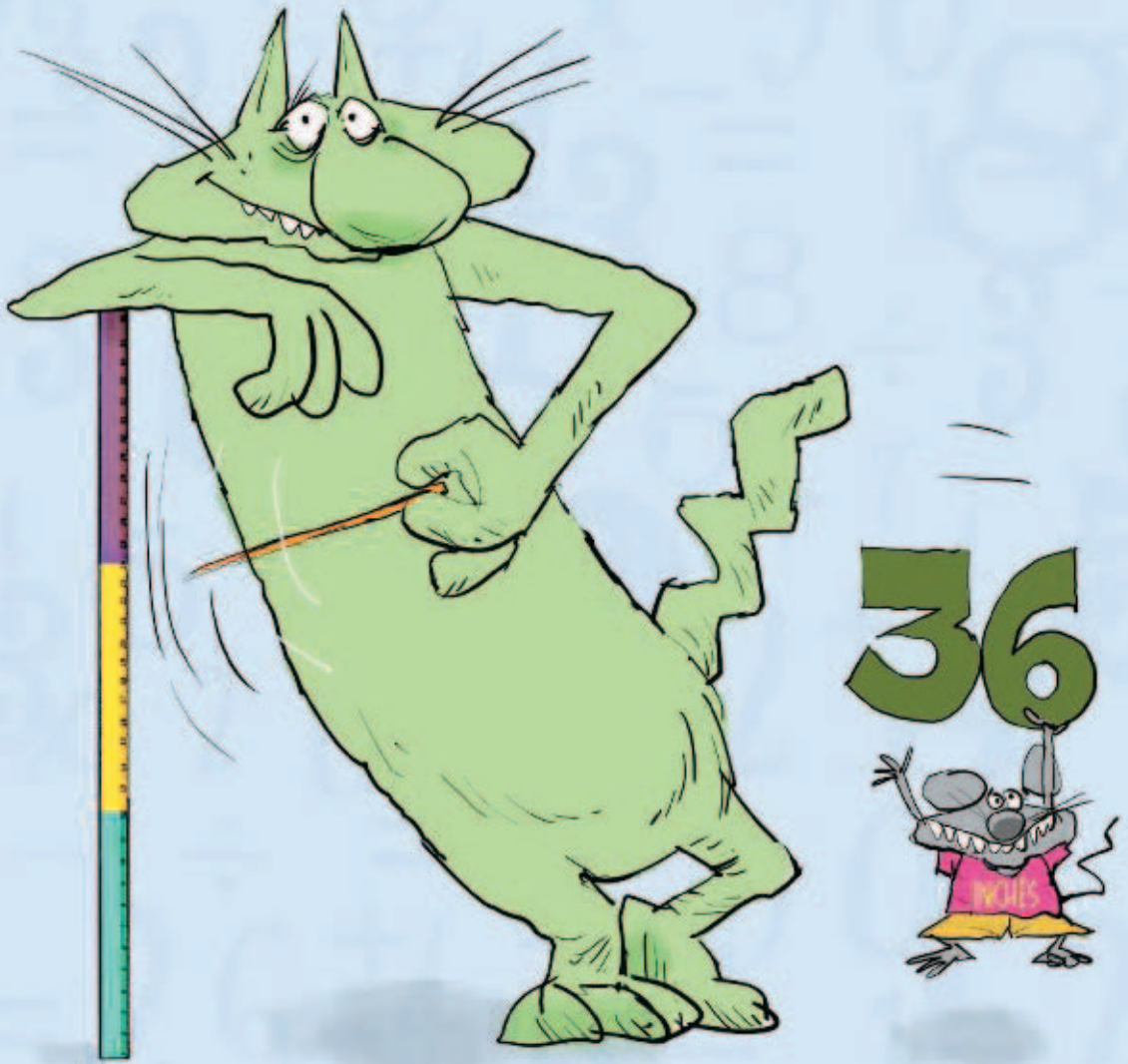


YARD

Now, 3 of these feet,
should they line up
and meet,



together are what's called 1 yard.



That's **36 inches**,
and here's what the cinch is:
that's also **3 feet**—it's not hard!

If you measured your bed
and the yardstick had said
that your headboard's exactly 3 feet,





you could say that the height

is 1 yard,

and you're right—

or 36 inches—

how neat!

It's really quite wise
when you're measuring size
to know more than
only one system.



The terms here
are fun,



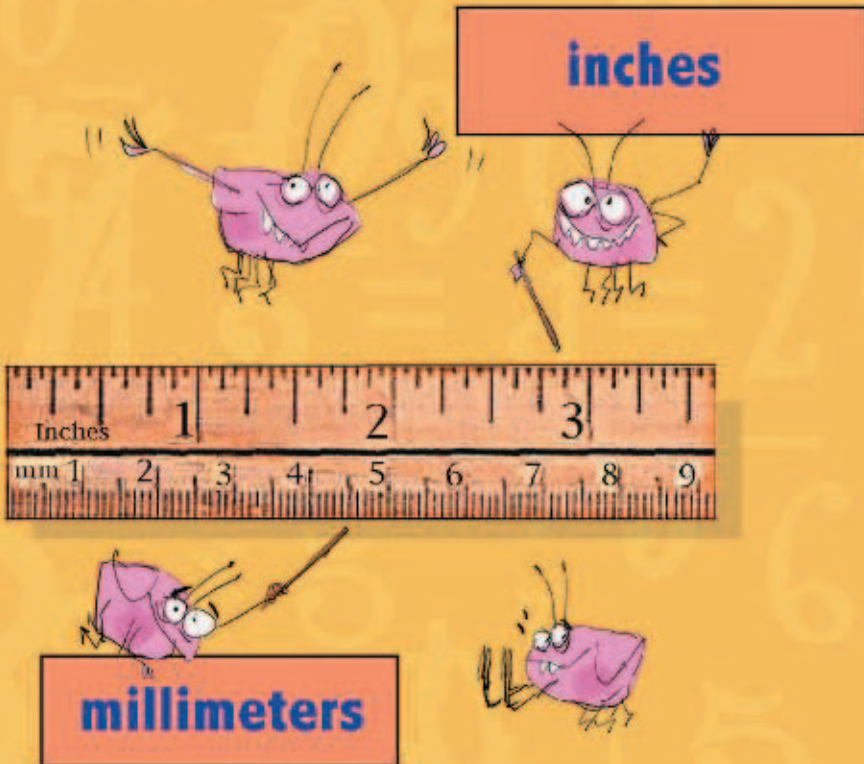
and before we are done,
you'll surely be able to list 'em!

MILLIMETER

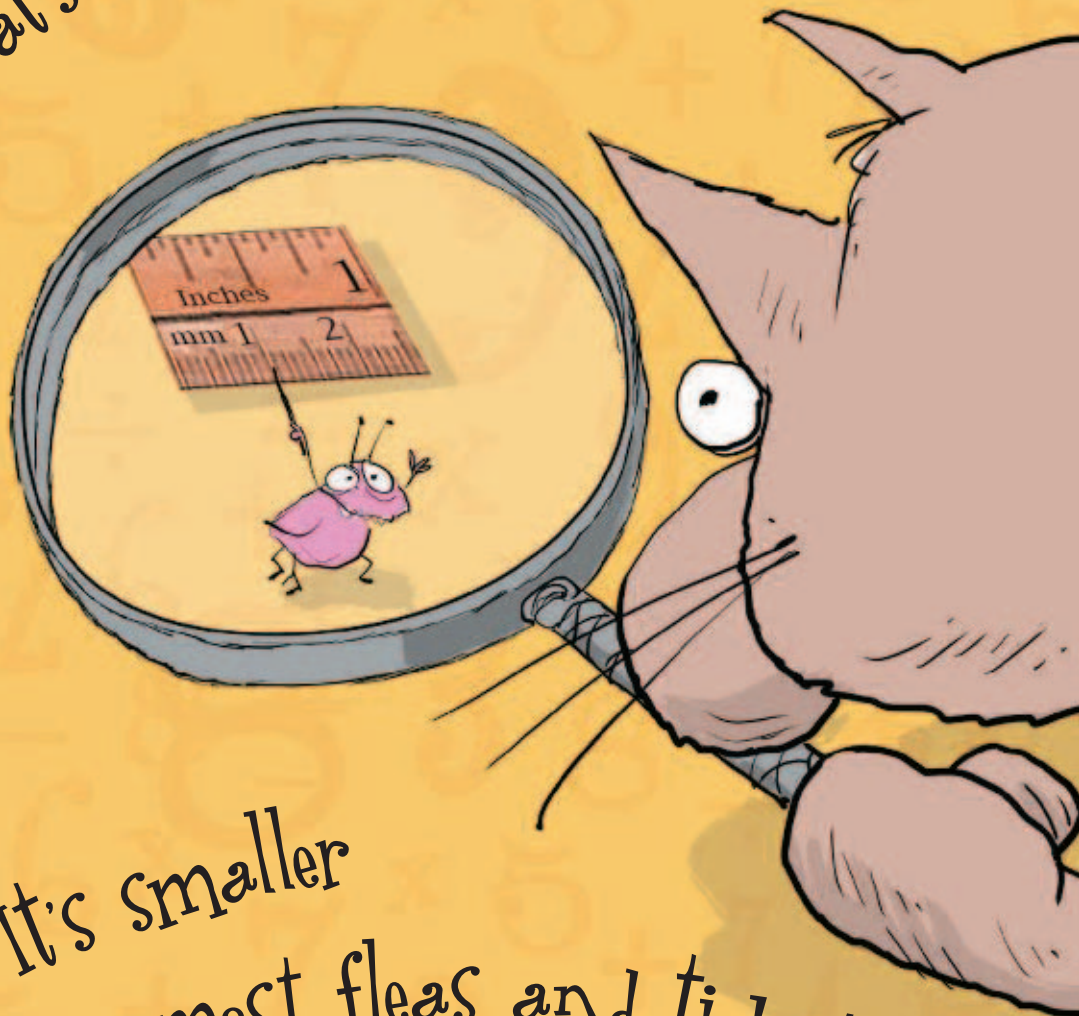


It's nearly as thin
as a needle or pin.

1 **inch** holds almost **26**.



Put your face really near,
that's the whole thing right here.



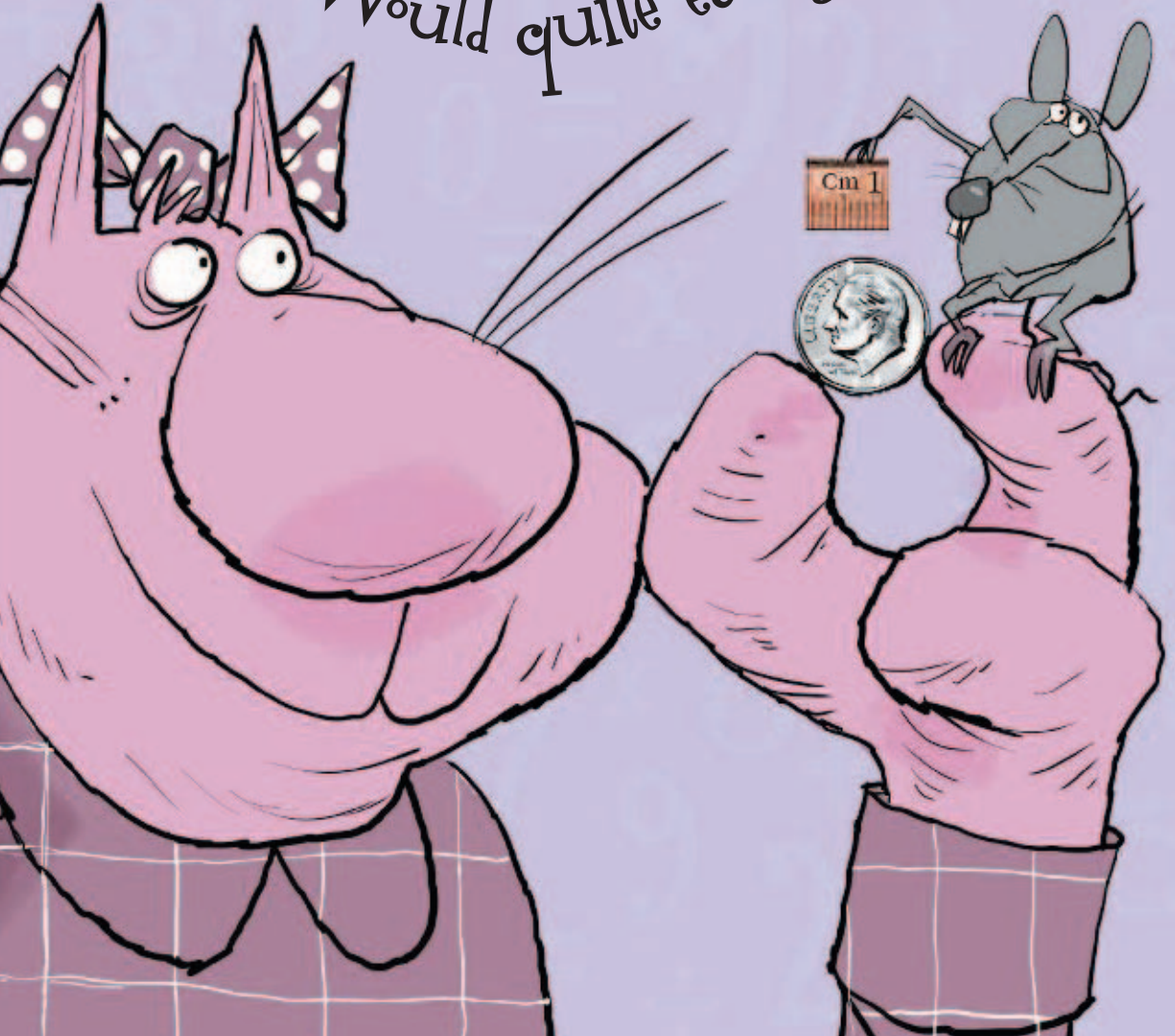
It's smaller
than most fleas and ticks!

CENTIMETER

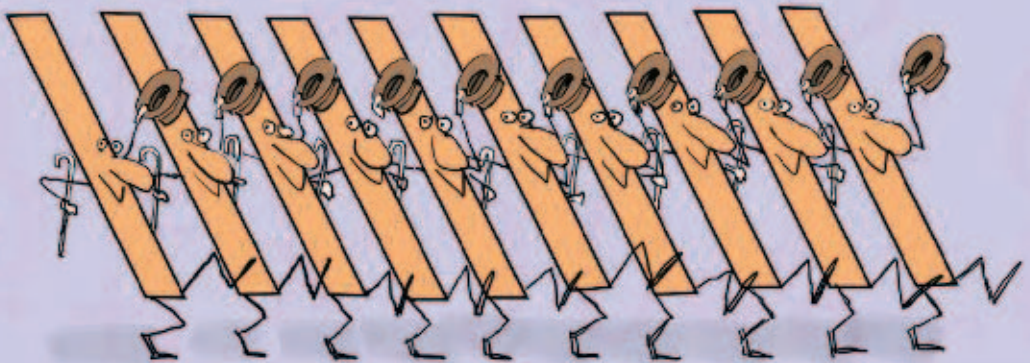


Take your fingers and pinch
less than **half of 1 inch.**

A dime would quite easily hide one.



1 centimeter



As small as it is,
When you're asked on a quiz,
there are **10 millimeters**
inside **1!**

4 inches

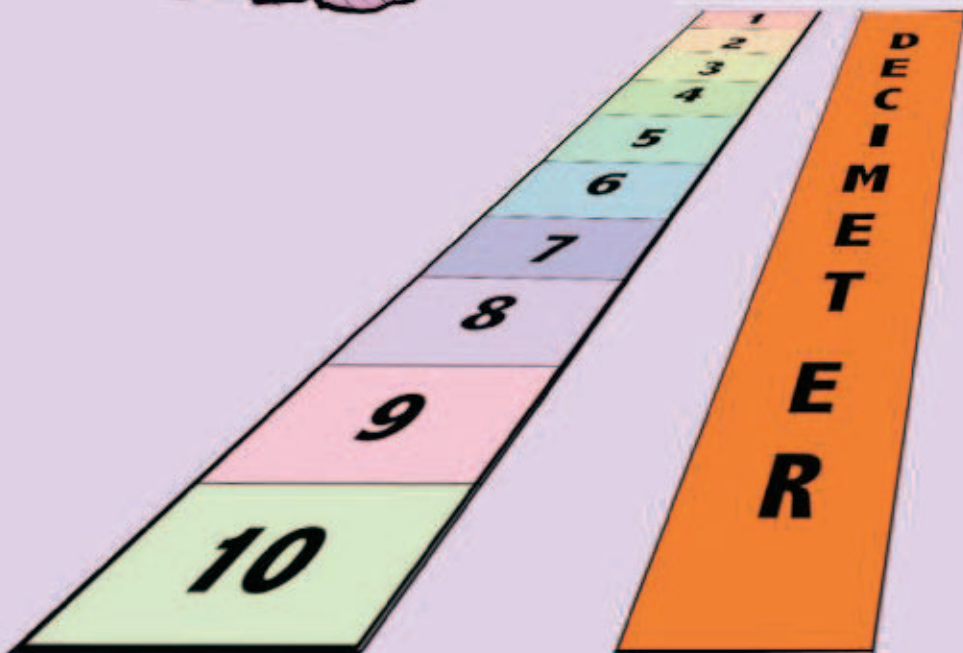
decimeter

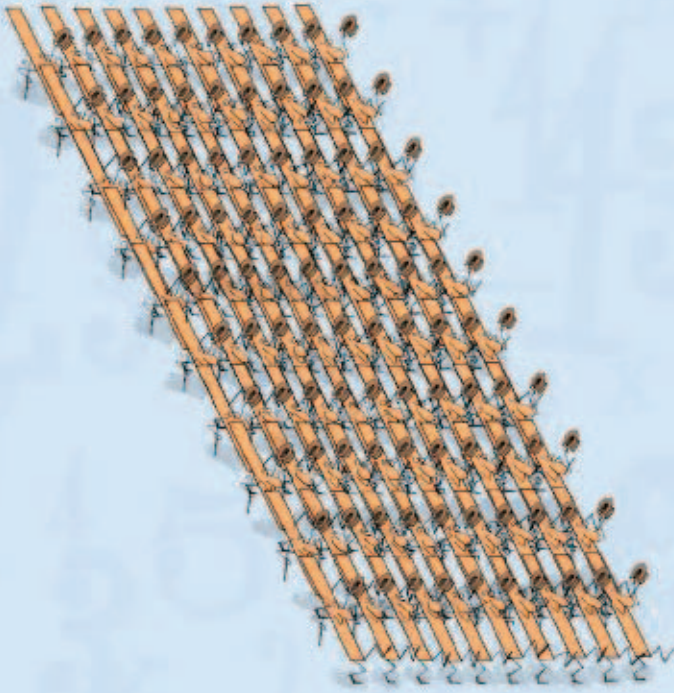
DECIMETER



A bit less than **4 inches**,
really no more.

There are **10 centimeters**
tucked in it.





100 would be
the amount you would see
of all **millimeters** within it.

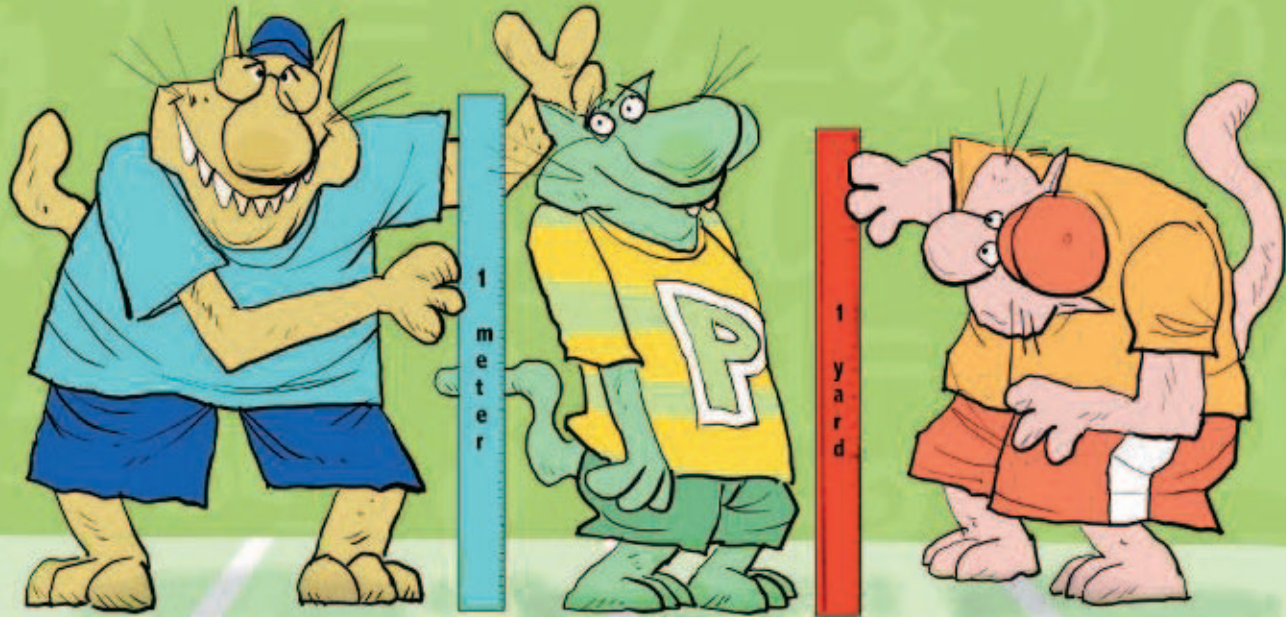
METER



1 meter

1 yard

Just how tall is Peter?
He's all of **1 meter**.

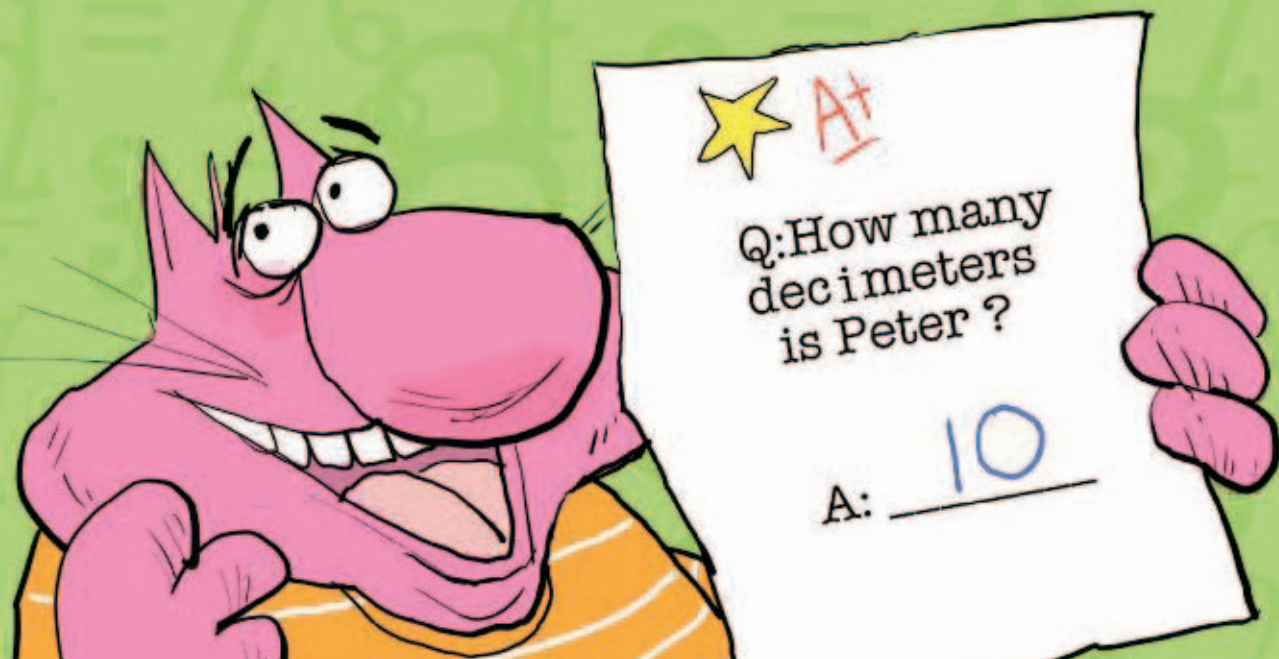


It's a little bit more than **1 yard**.

Or you could say Peter's
just **10 decimeters**,



and watch as your paper is starred!

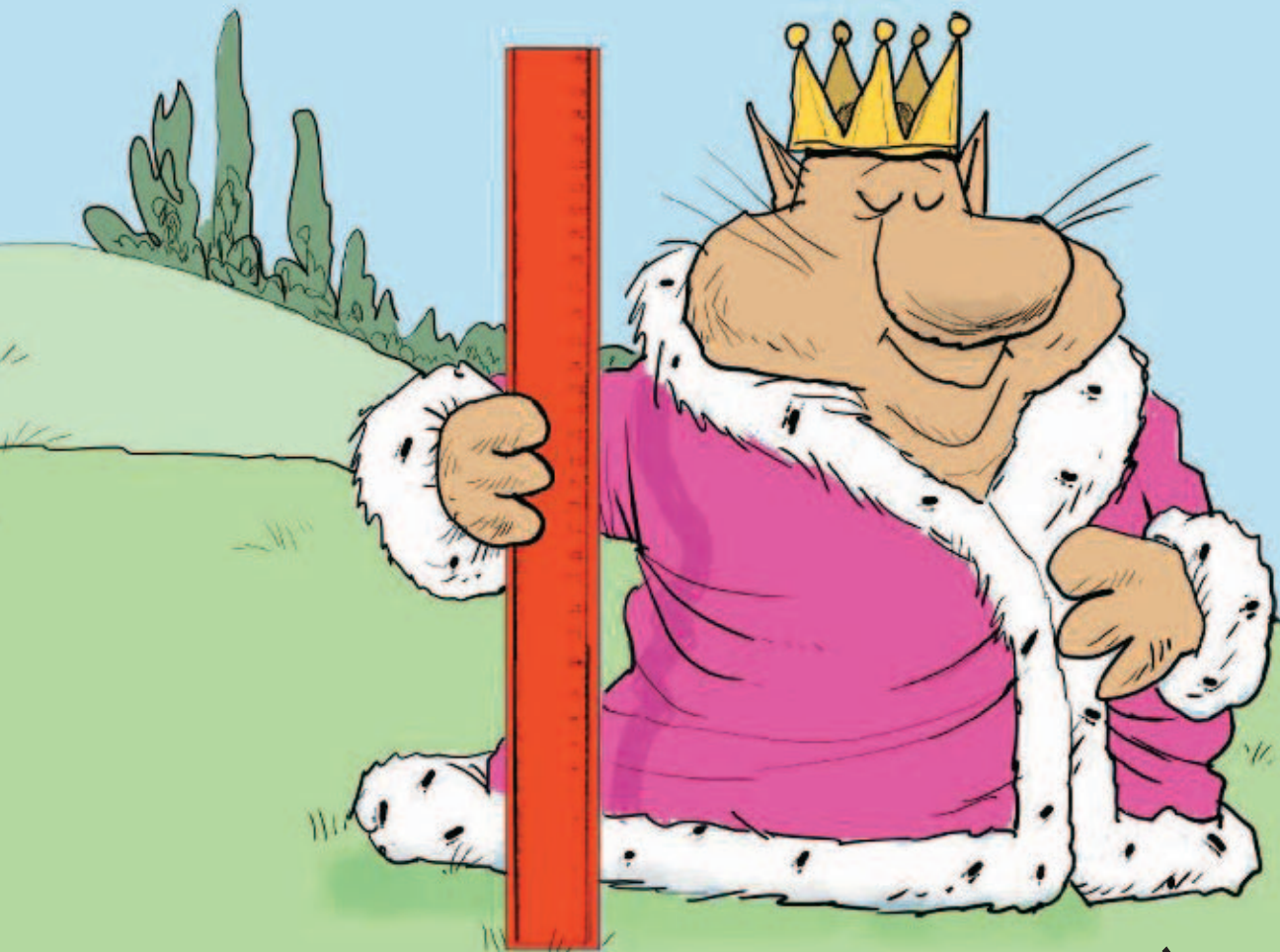


So, how can you tell,
just how tall is that bell?



How wide is your
thermos or cooler?

Now it's a pleasure
because you can measure,



Which makes you the ultimate ruler!

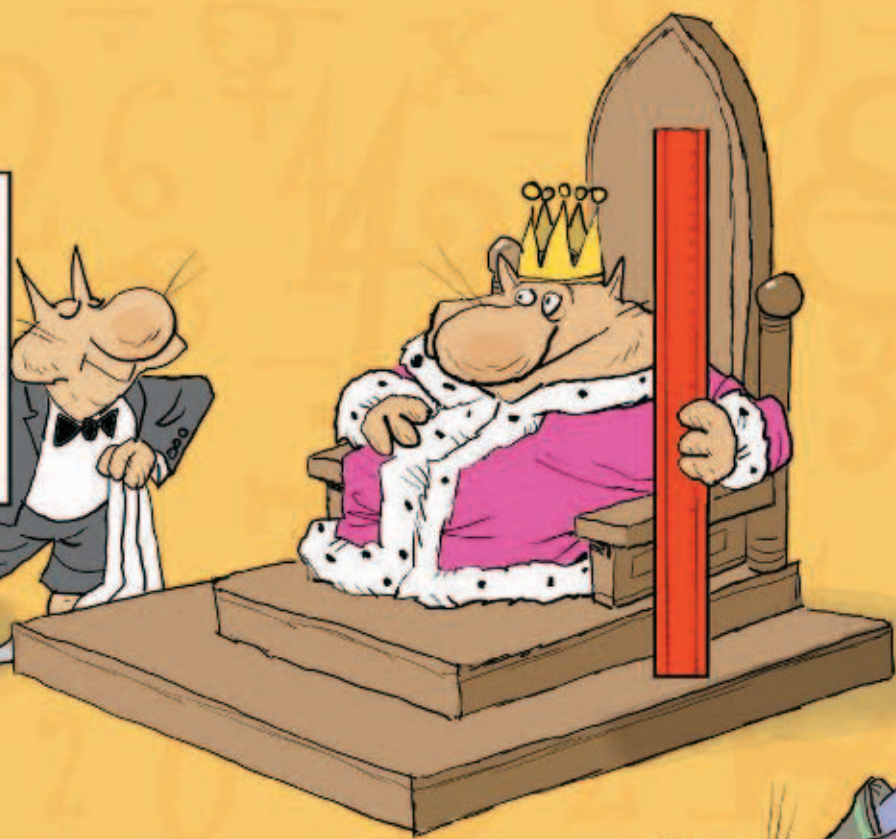
So, what is length?

Do you know?

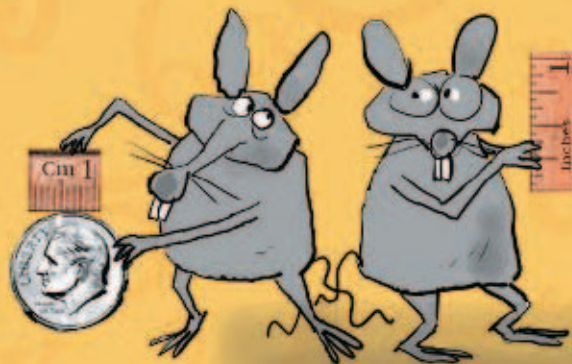
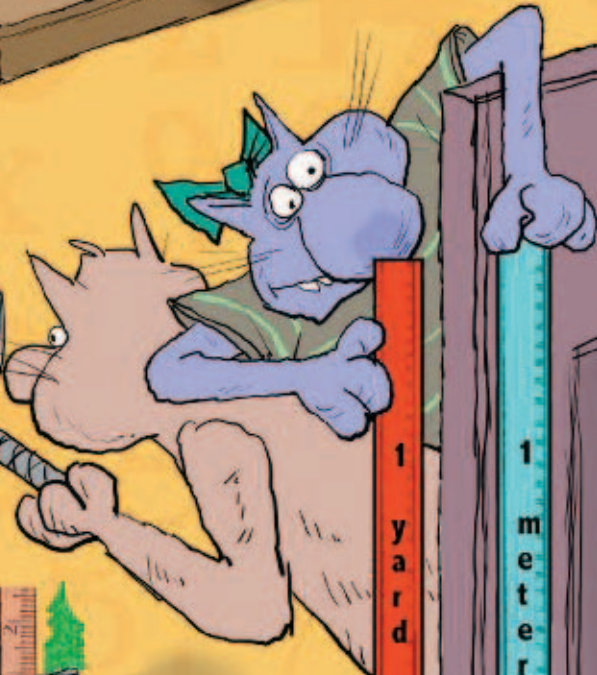


<p>English Length Measurements</p> <p>1 yard = 3 feet = 36 inches 1 foot = 12 inches</p>
<p>Metric Length Measurements</p> <p>1 meter = 10 decimeters = 100 centimeters = 1,000 millimeters 1 centimeter = 10 millimeters</p>





1
millimeter



ABOUT THE AUTHOR & ILLUSTRATOR

Brian P. Cleary is the author of The Mission of Addition, The Action of Subtraction, and the best-selling Words Are CATEGORICAL™ series, which includes Quirky, Jerky, Extra Perky: More about Adjectives. He has also written Peanut Butter and Jellyfishes: A Very Silly Alphabet Book and two poetry books. Mr. Cleary lives in Cleveland, Ohio.

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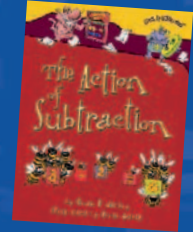


Math Is CATEgorical™ books

The Action of Subtraction

How Long or How Wide?: A Measuring Guide

The Mission of Addition



Words Are CATEgorical™ books

Dearly, Nearly, Insincerely: What Is an Adverb?

Hairy, Scary, Ordinary: What Is an Adjective?

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