



HOW BIG IS BIG?

For my children

-S.S.

To Mom and Cookie

-F.4.

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HOW BIG IS



STEPHEN STRAUSS . THE FERNANDES 4

The Millbrook Press Brookfield, Connecticut



HOW BIG IS BIG?

How big is big?
A super fat pig?
A giant tomato?
A skyscraper potato?
No, bigness is something no one can consume,
Like how many oceans
Fit into the moon.

A dust particle is so small that if you put ten of them on top of one another, they would still be about as thin as a dime.

HOW SMALL IS SMALL?

How small is small?

Something minus-feet tall?

The point of a pencil?

The line on a stencil?

No, smallness is something that's quite hard to see,

Like the fluff in the air

And the dust on your chair.

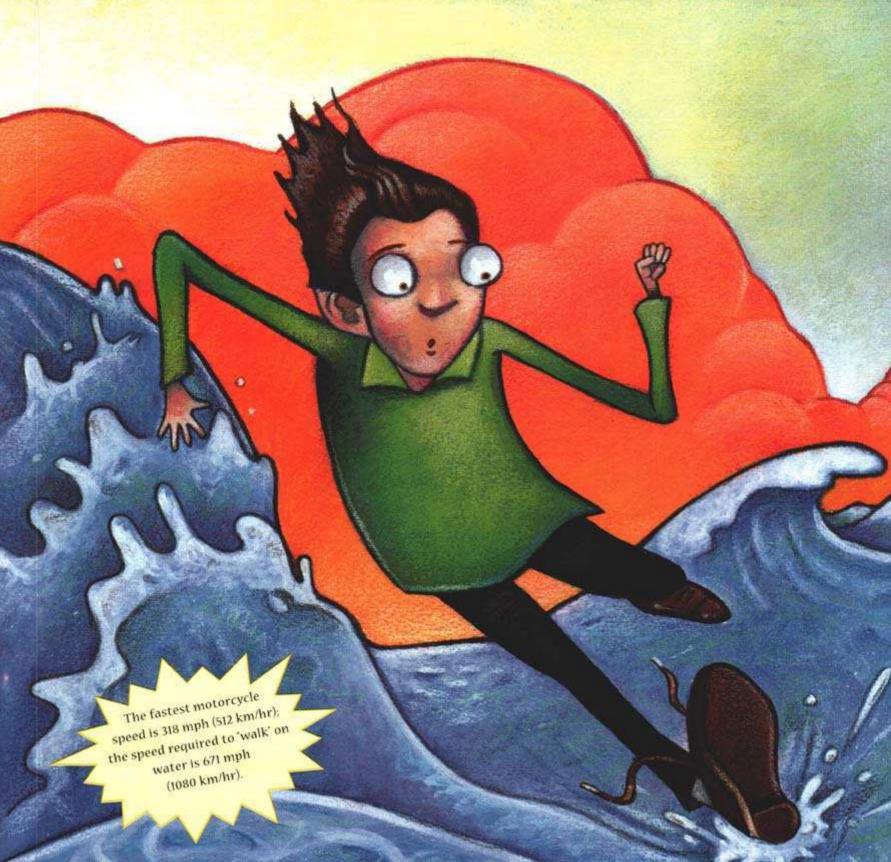


How slow is slow?
As we all know,
A snail in a hurry
Will never scurry,
But glide at the pace
Of a drop of molasses
That drips off your face.

HOW FAST IS FAST?

How fast is fast?
I'm glad that you asked.
To walk on water,
You oughta oughta
Use all o' your might,
And double the speed
Of a motorbike.







HOW HIGH IS HIGH?

How high is high?
Well, how high is the sky?
I'll say it out loud:
It's higher than a cloud,
It's where the air plays peek-a-boo,
Changing nighttime's black
To daytime's blue.

Between 125 to 185 miles
(about 200 and 300 km) up in the sky, the blue sky
color ends and becomes
black-

HOW DEEP IS DEEP?

How deep is deep?

No, I don't mean deep sleep,

And I don't mean a well,

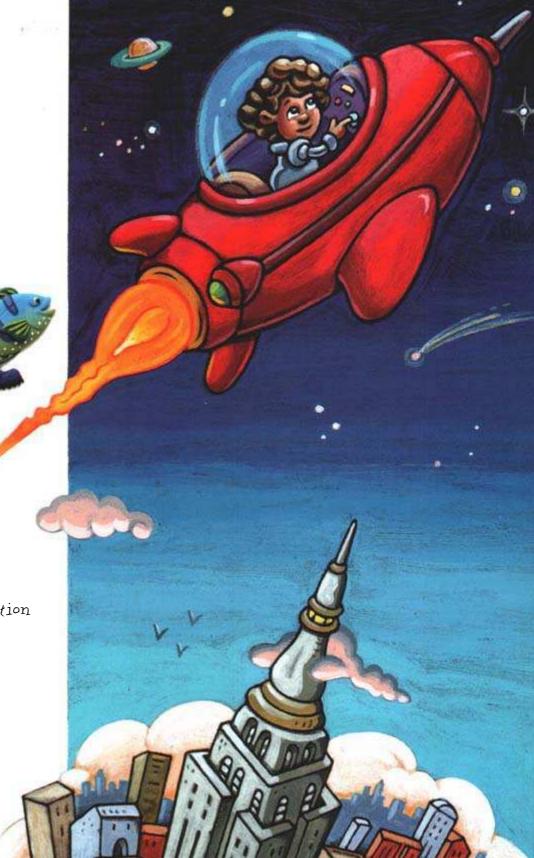
or a deep prison cell;

But rather imagine the fishies' commotion

If a kid ever walked

On the bottom of the ocean.

People have descended 35,814 feet (10,915 meters) into the ocean. The deepest spot in the Pacific Ocean is 36,201 feet (11,034 meters) deep.



HOW LIGHT IS LIGHT?

How light is light?
Well, there's light as a kite...
And do you know whether
That's ten times a feather?
But, oh—I think there's been some mistake!
For both weigh much more
Than a single snowflake.

A chicken feather
weighs roughly .0007
ounces (.02 grams), and
a snowflake only
.00000035 ounces
(.000001 grams).

HOW HEAVY?

How heavy is heavy?

Asked a boy named Levy,

Who decided to buy a dinosaur,

But couldn't carry it out of the store.

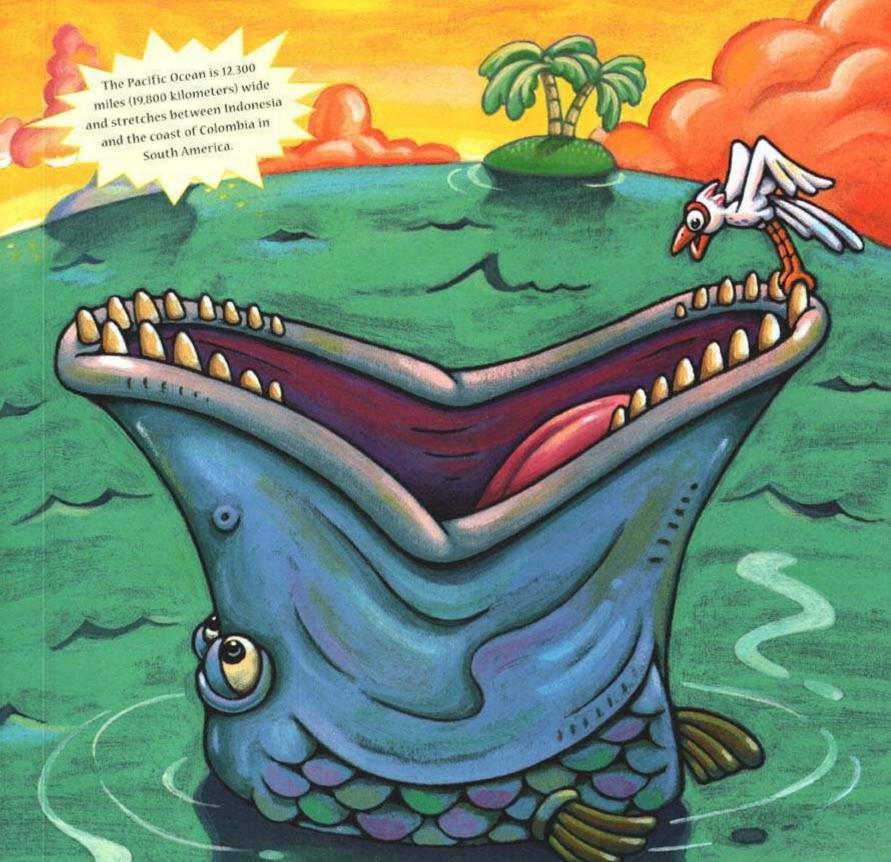
So he left instead with a lovely toy lion,

Whose weight, while great,

He could lift without try'n.

The largest dinosaur
weighed between 110,000 and
175,000 pounds (50,000 and 80,000
kilograms) while the largest lion
weighed in at only
690 lbs (373 kg).







HOW WIDE IS WIDE?

How wide is wide?

Well, there's wide as outside,

And there's wide as a smile,

And there's wide as the Nile,

But wider by far—sort of wideness terrific—

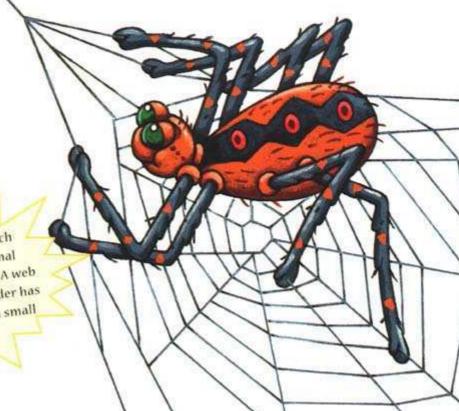
Is the width of that ocean

They call the Pacific.

HOW STRETCHY IS STRETCHY?

How stretchy is stretchy?
It may seem far-fetchy,
But spiders, quite scary,
And sometimes quite hairy,
Make stuff so fantastic,
It's totally, totally,
TOTALLY, elastic.

A spider's silk can stretch up to 10 times its original length without breaking. A web made by an American spider has been known to trap a small mouse.





HOW OLD IS OLD?

How old is old?
I have been told
That turtles live long
And trees linger on,
But if true oldness you want to convey,
Then try wishing an amoeba
A happy birthday.

HOW STRONG?

How strong is strong?

Consider King Kong,

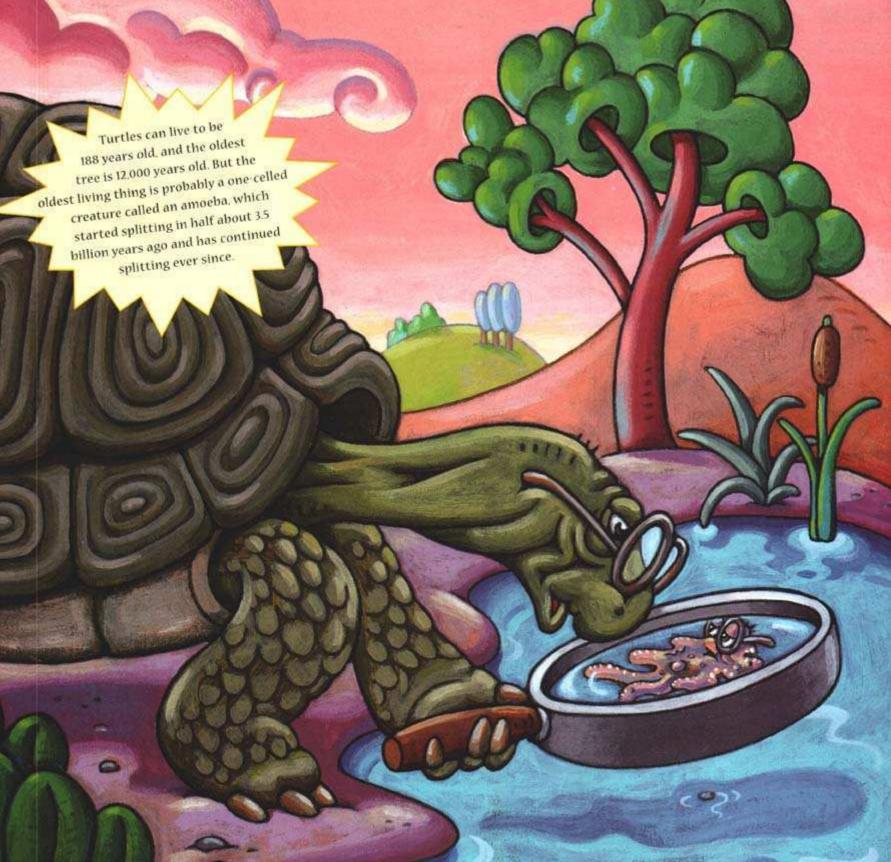
The movie gorilla,

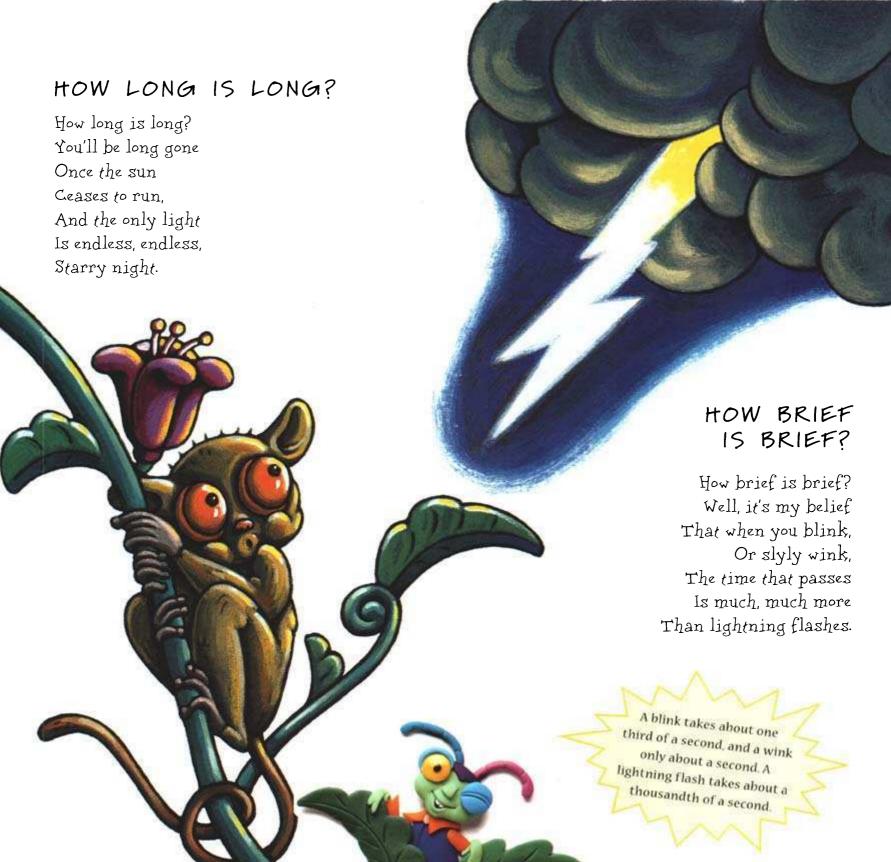
Whose death was a thrilla.

But even old Kong was monstrously feeble

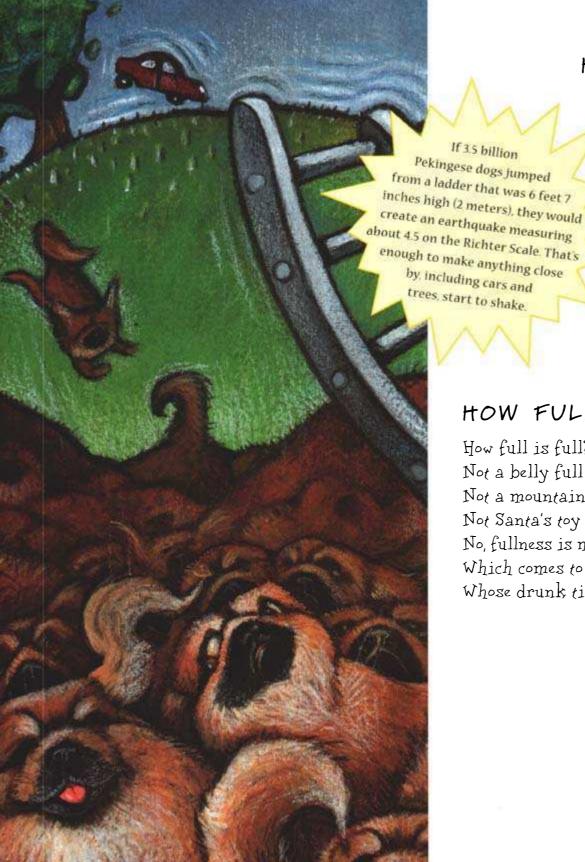
When compared

To the mighty rhinoceros beetle.









HOW SHAKY IS SHAKY?

How shaky is shaky?
Something kinda earthquaky?
If a mountain of Pekingese,
Those dogs love to tease,
Were to jump from a ladder,
They'd make
The ground clatter.

HOW FULL IS FULL?

How full is full?

Not a belly full of wool,

Not a mountain of hay,

Not Santa's toy sleigh.

No, fullness is more like that quenching of thirsting

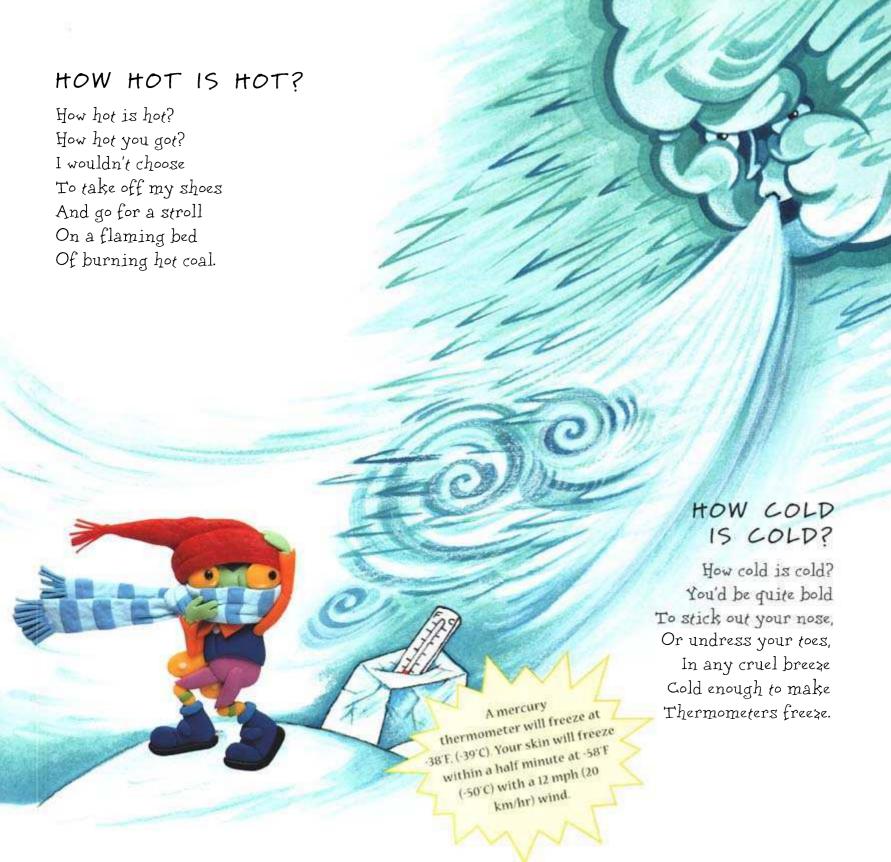
Which comes to a camel

Whose drunk till she's bursting!





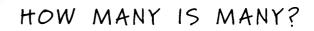




HOW SWEET IS SWEET?

How sweet is sweet?
Now this poem's a treat.
Though sugar is dandy,
And it rhymes with candy,
Little can give such a sweetening rush,
As the leaves of a green
South American bush.

The Paraguayan plant
Stevia rubidiana has leaves
that are more than 300 times
sweeter than sugar. One
teaspoon of Stevia is equal to
about 6 cups of sugar!



How many is many?

Two dimes or ten pennies?

All grapes in a bunch?

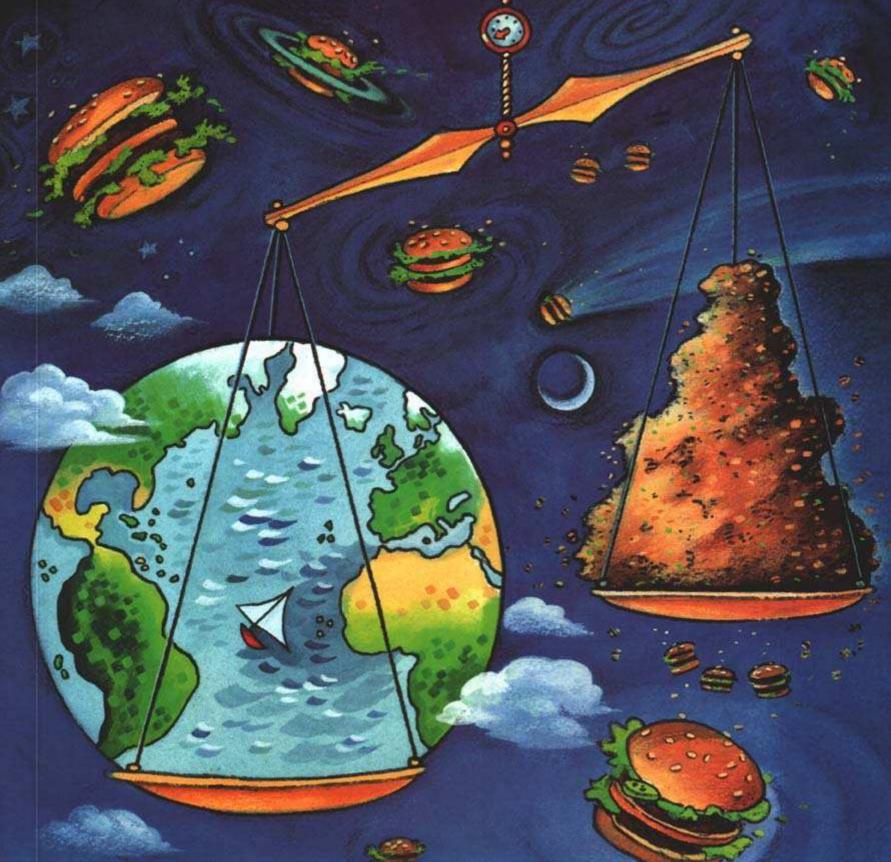
Forty crackers for lunch?

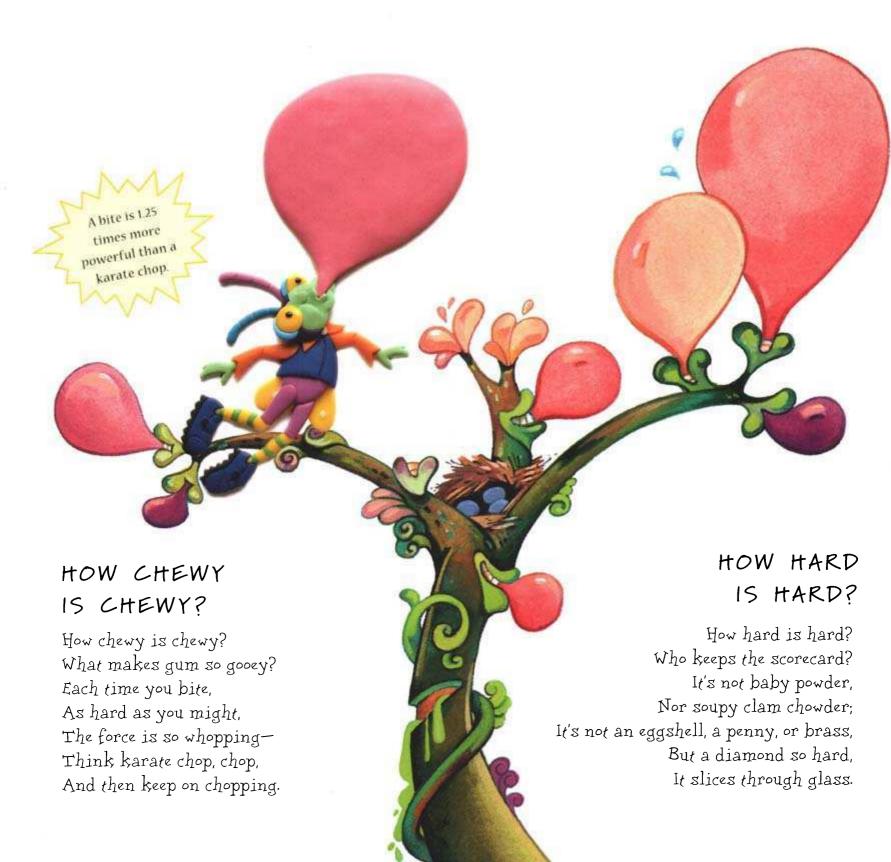
No, many is something beyond stacks and stacks,

It's how much the earth weighs

In piles of Big Macs.

If you were to put
the earth on a scale, you would
need about
27,800,000,000,000,000,000,000
Big Macs on the opposite side
to balance it.









HOW THIN IS THIN?

How thin is thin?

Well, there's thin as a pin.

Then there's thin as a sliver

(Ouch! sharp things make me quiver).

But thinness is something to measure with care;

It's a slice, of a slice,

Of a slice, of a hair.

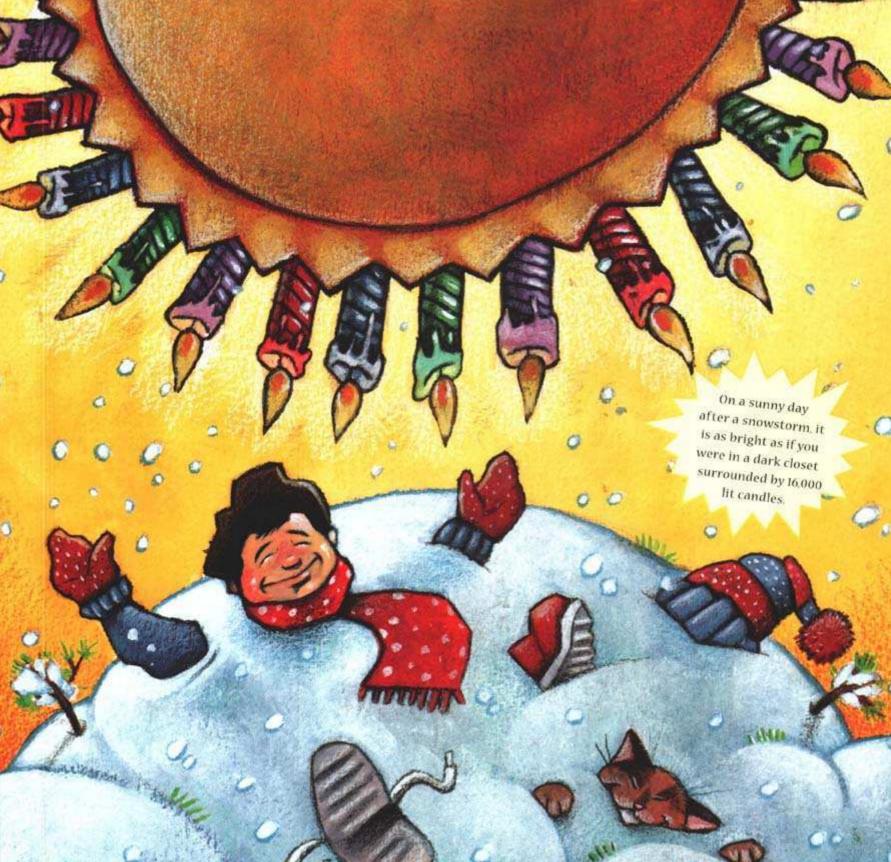
HOW THICK IS THICK?

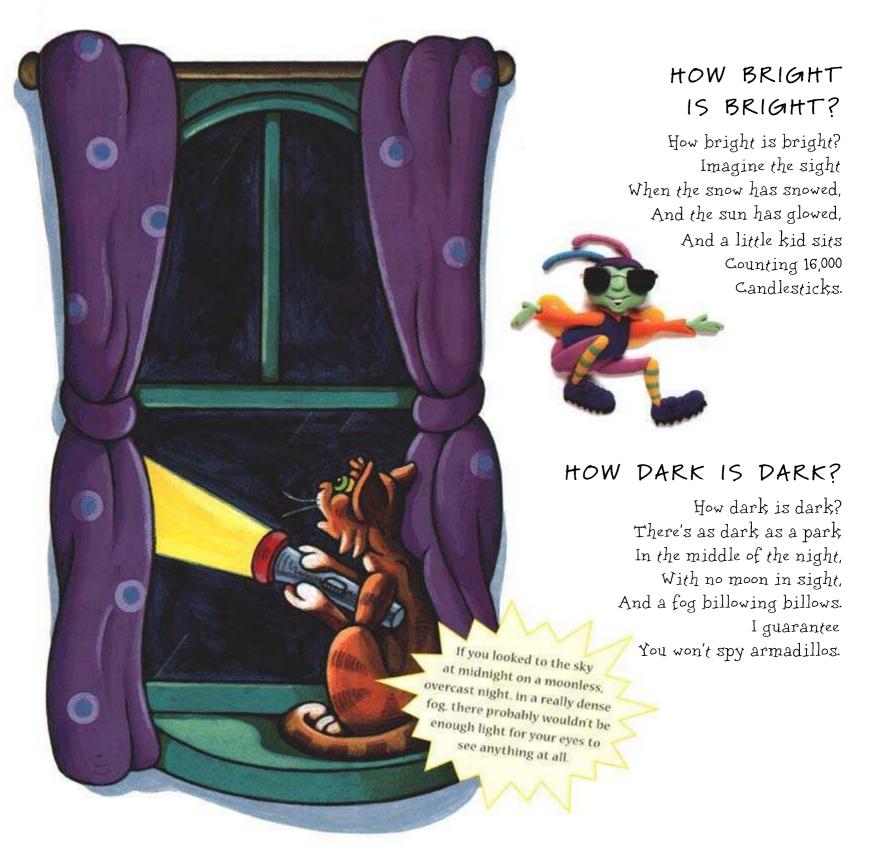
How thick is thick?

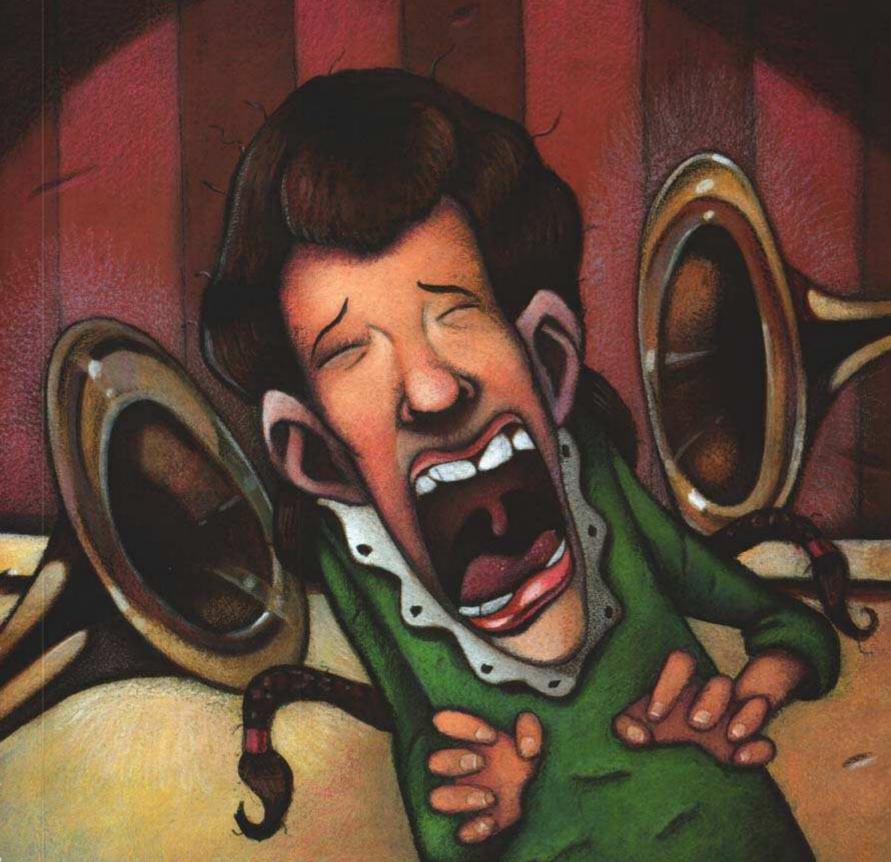
That question's a trick!
Thickness is thinness, just turned on its head,
And one is the other, so don't be misled.
I ask you to take ten heads full of hair,
Glue one to another—
And see thickness right there.

If you took hair from ten different heads and glued one on top of the other, you'd end up with a pile about 165 feet (50 meters) thick.









HOW LOUD IS LOUD?

How loud is loud?
The screams of a crowd?
The snap of your gum?
The bang of a drum?
No, loud is every hurtful noise
That pains the ears
Of girls and boys.

Sound above 130 decibels
is painful. That is 100 times
louder than the sound of a horn
blast from 20 feet (6 meters) away,
and roughly twice as loud as
the loudest scream.

HOW QUIET?

How quiet is quiet?

Not a schoolyard riot,
Not a loud snore,
And not a dance floor.
No, quiet is something you almost can't hear,
Like the sound that your hair
Keeps away from your ear.

The amount of sound that your hair growing over your ears would block you from hearing is 300 times softer than a whisper.