



Twice as Tall

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My name is Muthulakshmi P. and I am exactly 1 metre tall. That's the same as 100 centimetres. I know because I went to the doctor's office today and the nurse measured me against the wall.

"You're growing so quickly, Muthulakshmi," said the nurse.

"How tall will I be when I'm all grown up?" I asked.

"Nobody knows yet!" said the nurse.
"You have to just wait and watch."



$$1 + 1 = 2$$

I started to wonder: What if
I doubled in height?

What if I grew to be 2 metres tall?
That's the same as 200 centimetres.
I'd be taller than the nurse. I'd even
be taller than Suresh Mama, the
tallest person in my family.



What if I doubled in height AGAIN?

$$2 + 2 = 4$$



What if I grew to be 4 metres tall?
I'd play for the Indian women's basketball team in the Olympics.
I'd be the tallest person on Earth. I'd be famous!

What if I doubled in height YET AGAIN?

$$4 + 4 = 8$$



What if I grew to be 8 metres tall?
Imagine how enormous my dresses would need to be!
I definitely wouldn't be able to find any clothes my size in a shop.
I would need a very clever tailor.

And what if I grew twice as tall as that?

$$8 + 8 = 16$$

Just imagine, I would be 16 metres tall!
I could pick coconuts without climbing the trees.

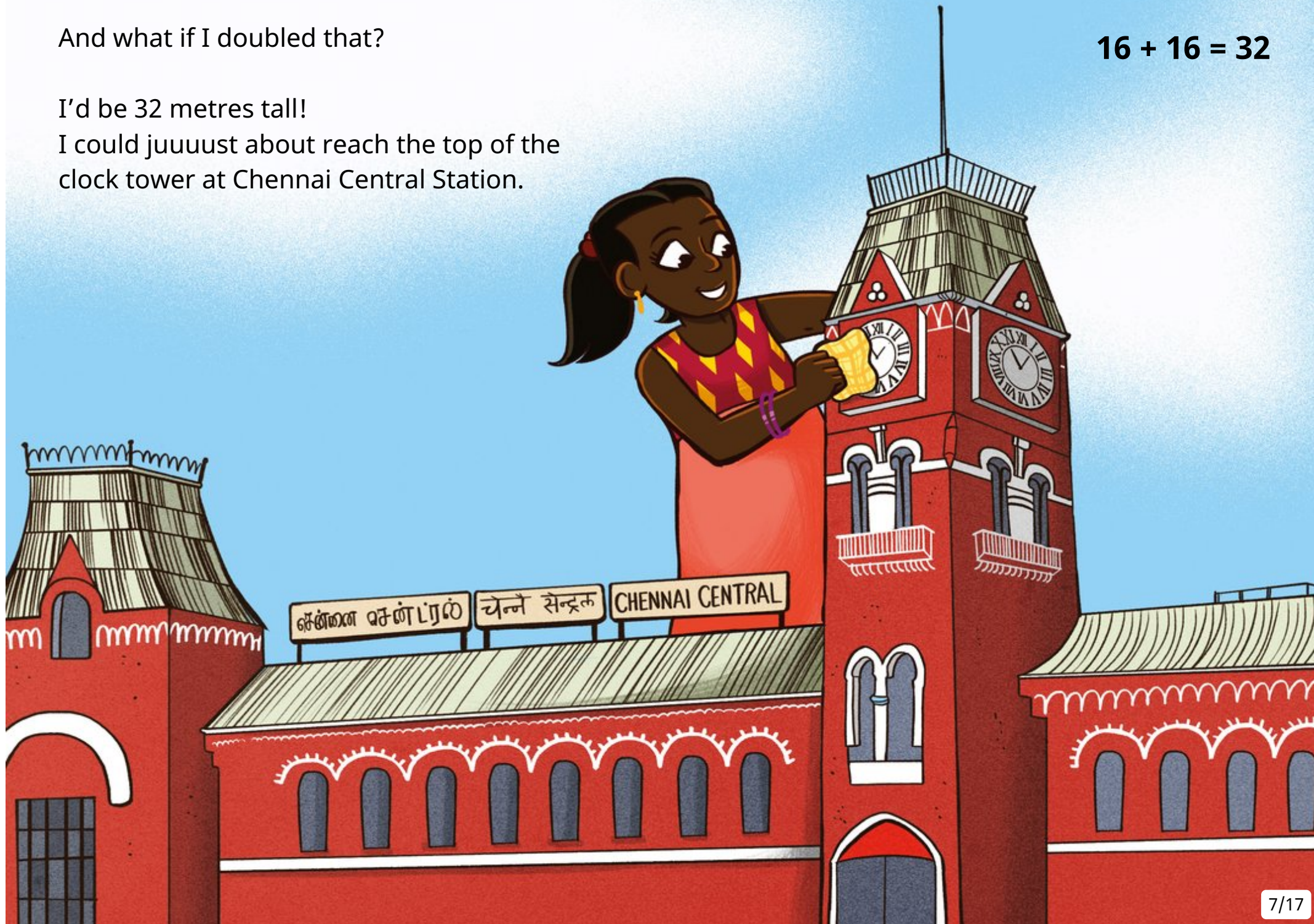


And what if I doubled that?

$$16 + 16 = 32$$

I'd be 32 metres tall!

I could juuuust about reach the top of the clock tower at Chennai Central Station.



And if I doubled that?

I'd be 64 metres tall!

That's taller than the Chennai Lighthouse.

I'd stand on Marina Beach and look far out to sea.

$$32 + 32 = 64$$



And if I doubled again?

$$64 + 64 = 128$$



I'd be 128 metres tall.
That's almost as tall as the tallest tower in Chennai.
I'd help people on the top floors move furniture into
their flats.

$$128 + 128 = 256$$

What if I grew twice as tall as that?

I'd be 256 metres tall!

I'd be taller than any building in Tamil Nadu.
So in thunderstorms, I'd have to be careful
not to get struck by lightning. I'd make myself
a lightning rod hat and connect
it to the ground with a wire.



What if I grew twice as tall again?

$$256 + 256 = 512$$

512 metres!

It might get a little lonely up there.
I wouldn't be able to see my friends
and family without binoculars.



And if I doubled in height again?

$$512 + 512 = 1024$$

I'd be 1024 metres tall!

That's taller than the tallest building in the world.

I'd be a major tourist attraction.

People would come from all over
the world to climb on top of my head.



And if I doubled my height again? [**1024 + 1024 = 2048**]

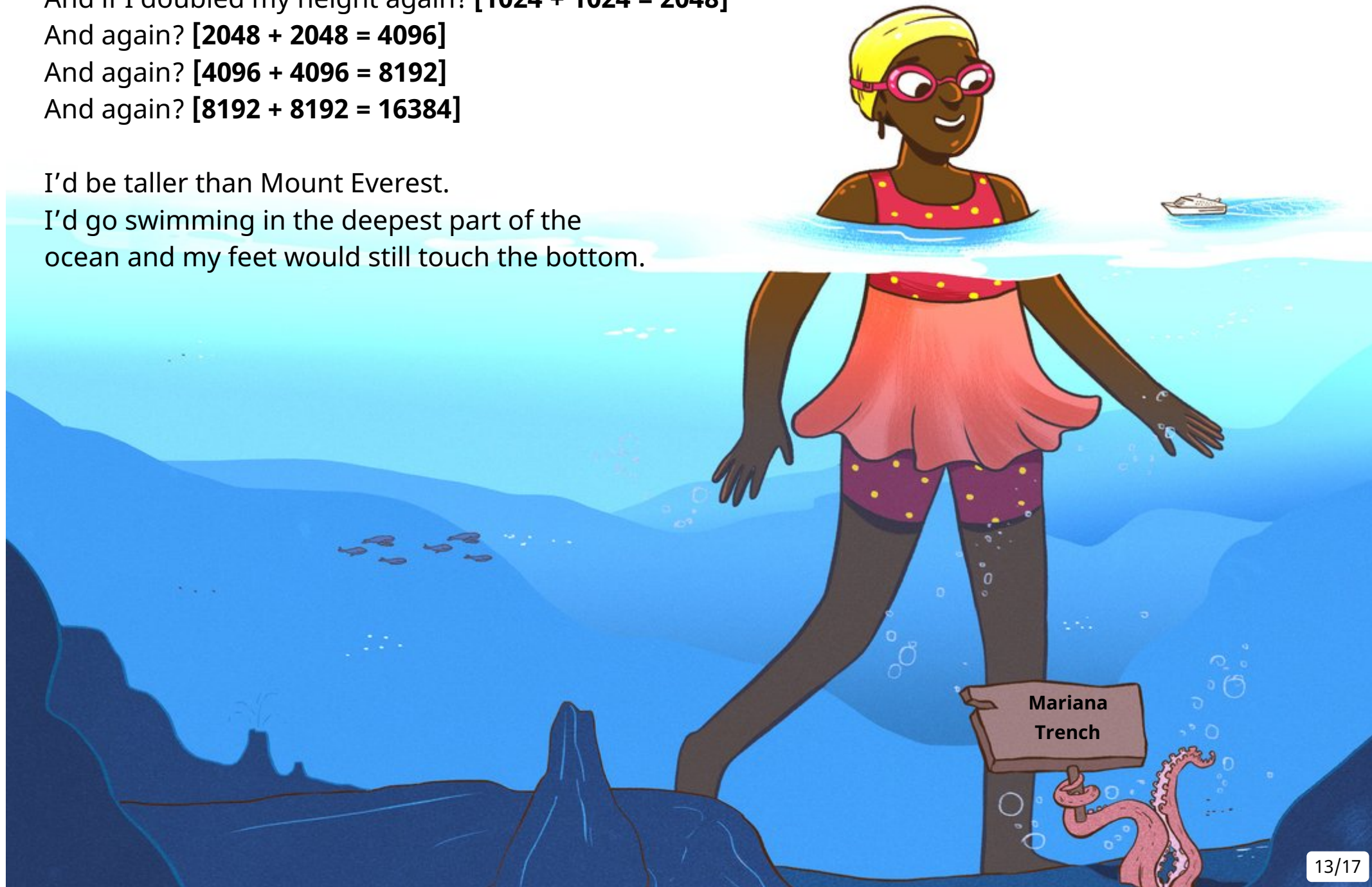
And again? [**2048 + 2048 = 4096**]

And again? [**4096 + 4096 = 8192**]

And again? [**8192 + 8192 = 16384**]

I'd be taller than Mount Everest.

I'd go swimming in the deepest part of the ocean and my feet would still touch the bottom.



And what if I grew twice as tall as that? [**16384 + 16384 = 32768**]

And twice as tall as that? [**32768 + 32768 = 65536**]

And twice as tall as that? [**65536 + 65536 = 131072**]

My head would be in outer space!



Uh oh, no air up here!
Watch out for asteroids!
Actually, maybe I don't want to
grow QUITE that tall.



I think I'm happy being 1 metre tall for now.





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Twice as Tall

(English)

Muthulakshmi P. is growing very tall. Nobody can tell how tall she will be when she is all grown up. But what if her height doubled? And doubled over and over again?

This is a Level 3 book for children who are ready to read on their own.



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