

The three

A's go

SKATEBOARD

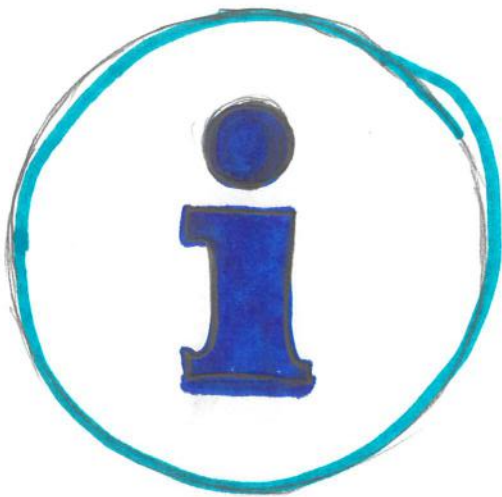


by Anne Wang

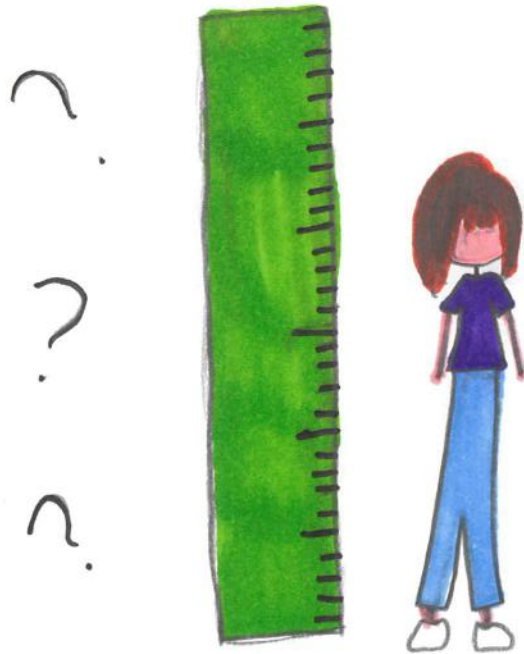
Frith Manor Primary School



The three A's (Ava, Avery and Aiden) are going to go
buy skateboards today!



Finding the right sized and structured skateboard at Joe's Super Skateboards requires your height in feet and your weight in grams. Avery had a lot of unanswered questions on why the store required such specific information.



"I don't know what my height in feet is but I do know what my height in metres is." said Ava.

"Same," replied Avery. Aiden was the only one who knew what his height in feet was.

1 metre = 3.281 feet



I'm
1.82 metres
😊

metres

To...

FEET! ✨ ✨



I'm
1.65 metres!
😊

"Well, I do know that 1 metre is approximately 3.281 feet, so I guess we'll just have to use our brains." said Aiden. Ara stated that she was 1.65 metres and Avery proudly announced that she was 1.82 metres. That's quite tall for a 12-year-old!

"Now," interrupted Aiden, "it's time to put our brains to thinking and convert these metres to feet!"

1 metre = 3.281 feet

$$3.281 \times 1.32 = 4.33$$

$$\begin{array}{r} \times \\ 1.320 \\ 3.281 \\ \hline 10256000 \\ 400000 \end{array}$$

This zero isn't seen in the number 1.32 but it doesn't make a difference whether it's there or not and we call this zero a place holder.

IMPORTANT!

You see, the way you convert metres to feet is quite easy. For example, if I was 1.32 metres tall, I would multiply that by 3.281. ($1.32 \times 3.281 = 4.33$.) rounded to the nearest hundredth. (most of the time we would round the height of something in feet to the nearest hundredth.) Now that that's explained, it's time to see what Ava and Avery's heights converted to feet are.



$1.65 \times 3.281 = 5.41$ so Ava is 5.41 feet tall!
Time to see what Avery's height in feet is.
Oh boy, this is going to be a bit of a challenge.
 $1.82 \times 3.281 = 5.97!$ Now THAT is tall.

Quick Reminder of what we've learnt:

1 metre = 3.281 feet

Avery is very tall

KILO = 1000

~~1 gram~~ = 1 kilogram = 1000 grams



If you replace 'kilo' with 'one thousand' then you have one thousand grams.

Alrighty! So now that The three A's have all got their heights in feet it's time to find their weights in grams. This shouldn't be too hard.

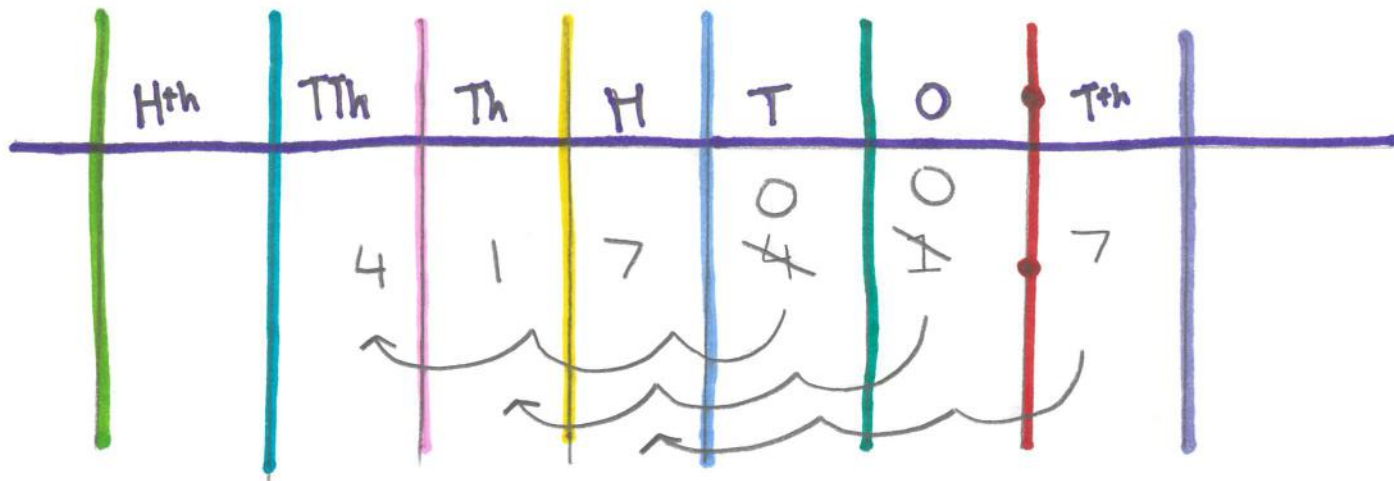
"I know that KILo means 1000." said Aiden.

"Well, since the word 'kilogram' has the word 'KILo' in it that must mean 1000 grams is 1 kilogram." replied Avery.

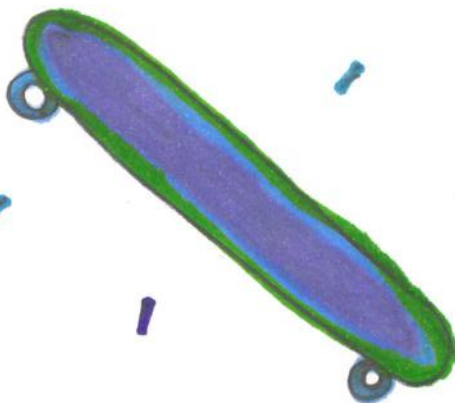


"I'm 42.5 kilograms." declared Ava. Aiden said he was 43 kilograms and Avery mentioned she was 41.7 kilograms.

"Because 1000 has 3 zeros in it - that means we shift our numbers 3 times to the left on the place value chart." explained Aiden. Ava's brain being quick, she easily solved her weight in grams and Aiden who did well in maths solved his quickly too. Avery however, struggled.



= 41700 grams!



"Here," Aiden said, "I'll draw you a place value chart to help you." After 2 minutes of explaining, Avery had her weight in grams too.



Now The three A's have done their maths
for the day and are now at the skatepark,
doing fun tricks with their skateboards.

The End.

The Three A's are going skateboard-shopping!
However, they come across a sizing issue.
They need the correct sized skateboards,
which will take a bit of brain storming.

about the author...



Anne's name is pronounced, 'Annie'
but spelt 'Anne'. She likes to
go skateboarding with friends
and her dream career is an
astronaut.

