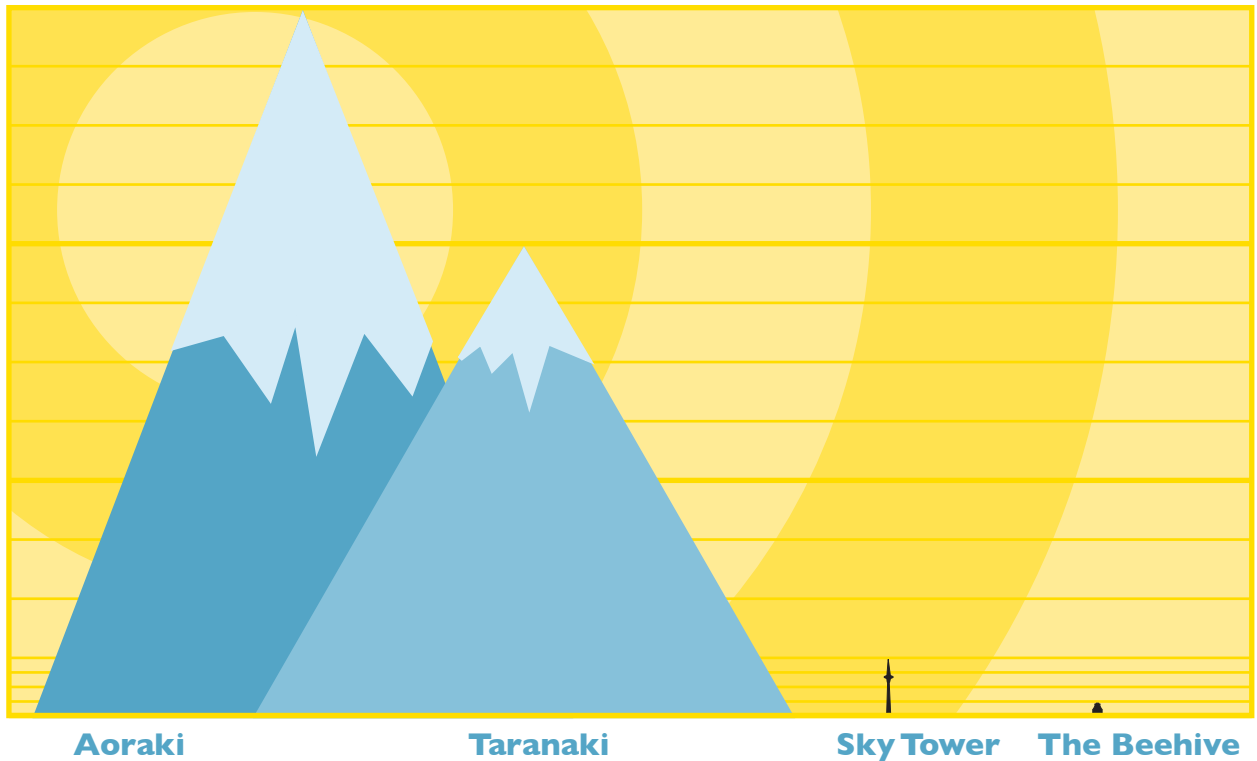


On Top of the World

Activity

Zac, Rachel, Kere, and Manu are on holiday together. One wet day, they compare the heights of New Zealand landmarks, using this scale picture:



1. Zac is from Christchurch. He compares the other landmarks with Aoraki.

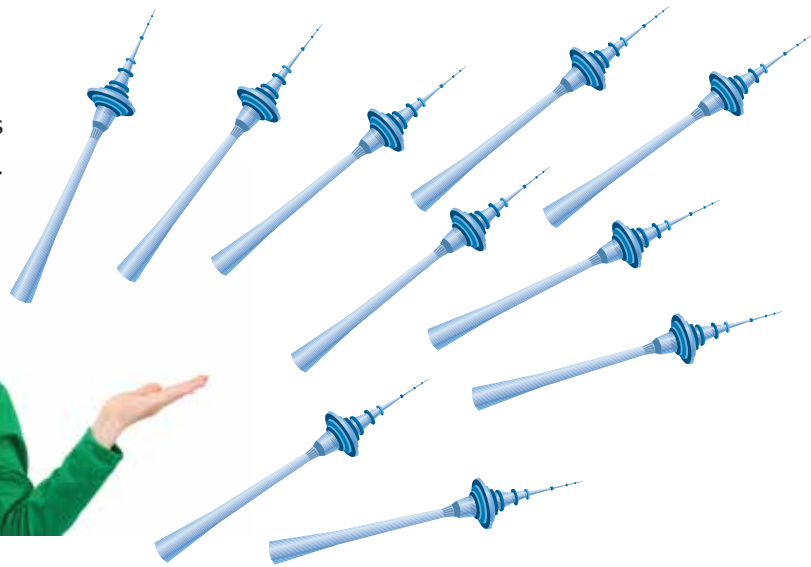


- What fraction of Aoraki's height is the Sky Tower?
- What fraction of Aoraki's height is the Beehive?



2. Rachel is from Auckland. She compares the other landmarks with the Sky Tower.

12 Sky Towers equal the height of Aoraki.



- How many times higher is Taranaki than the Sky Tower?
- What fraction of the Sky Tower's height is the Beehive?

3. a. Kere is from New Plymouth. She compares the other landmarks with Taranaki. Complete her table.

Aoraki	
Taranaki	1
Sky Tower	
The Beehive	



- b. Manu lives in Wellington. He compares the other landmarks with the Beehive. Complete his table.

Aoraki	
Taranaki	
Sky Tower	
The Beehive	1



4. The four friends are discussing the height of Taranaki.

It's $\frac{2}{3}$.

It's 8 on my table.

It's 32 on mine!

It's 1 on mine.



Taranaki always stays the same height. How can they all be correct?