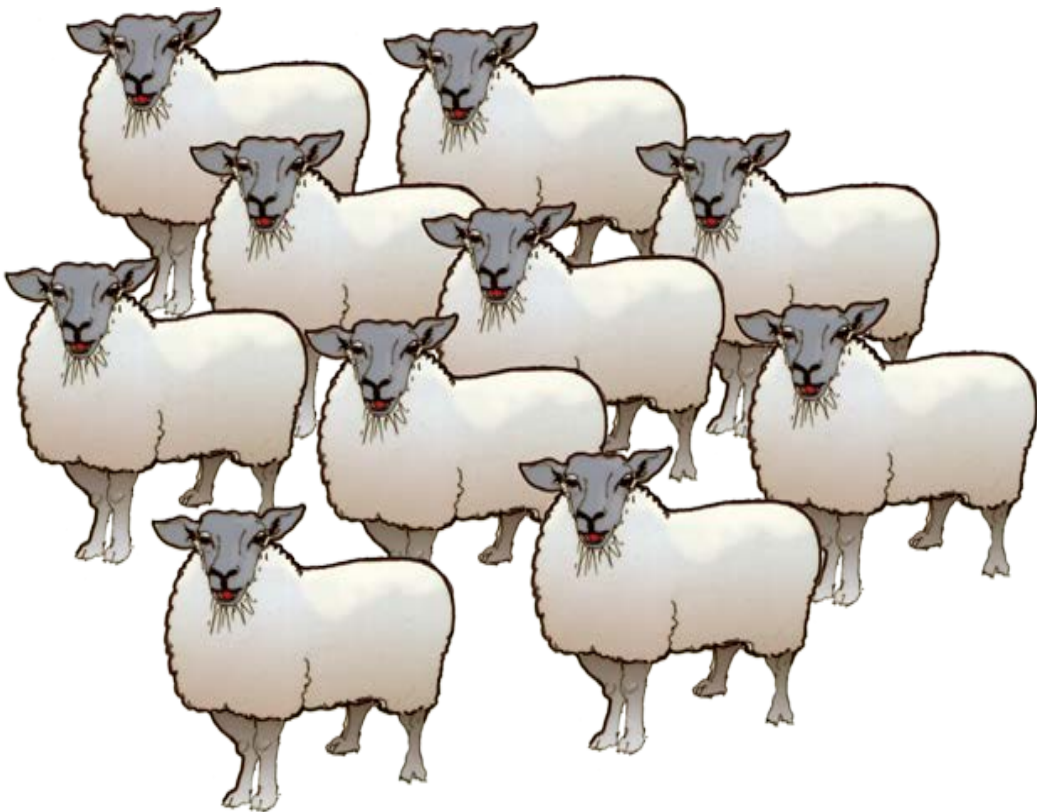


Fence them in

You have 24 metres of fencing materials
to build an enclosure for 10 sheep.

What is the largest rectangular area
you can make?

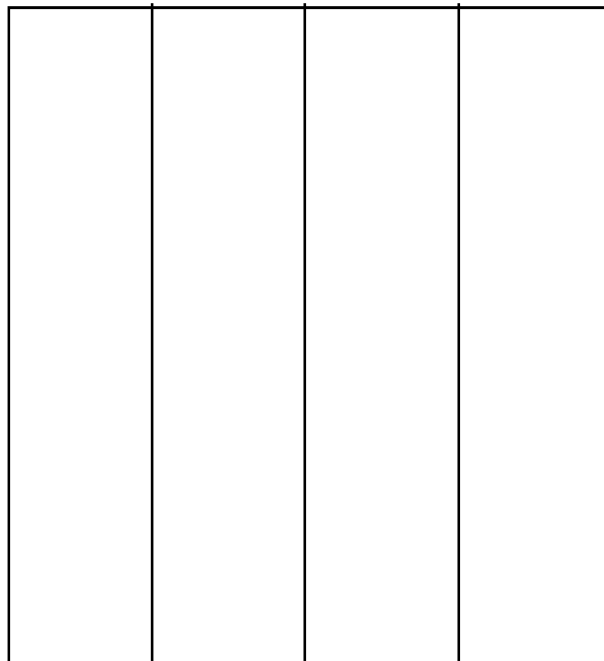


What if you had 40 metres of fencing?
What if the area could be any shape?

What's the perimeter?

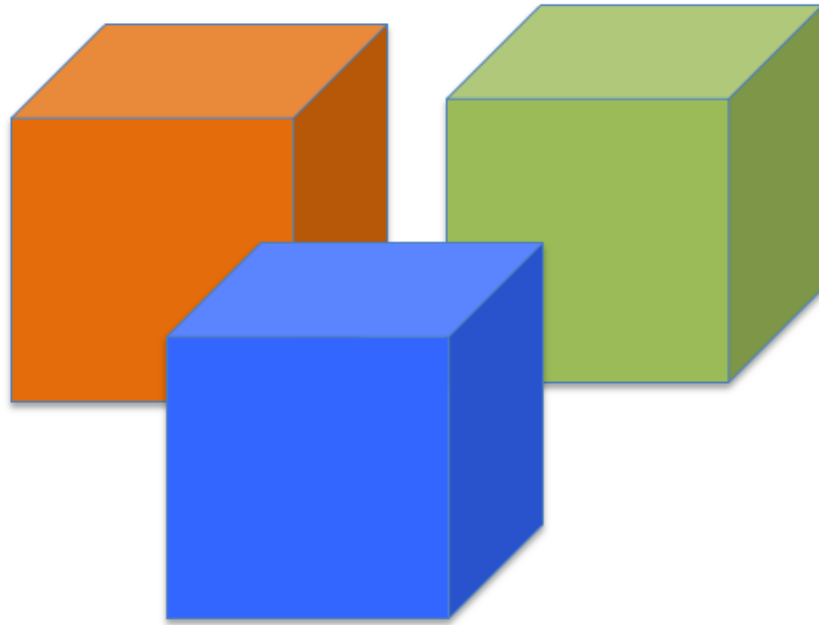


This square has been cut into 4 equal rectangular pieces.



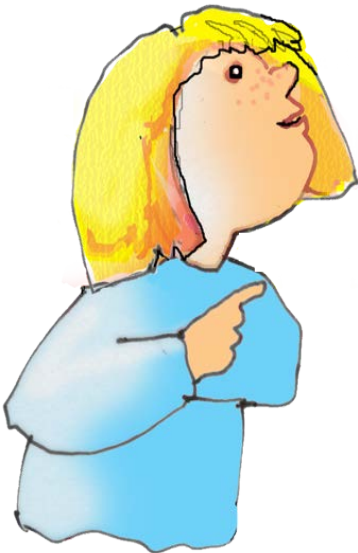
If the perimeter of one of the rectangular pieces is 25 units,
what's the perimeter of the original square?

What's the height?

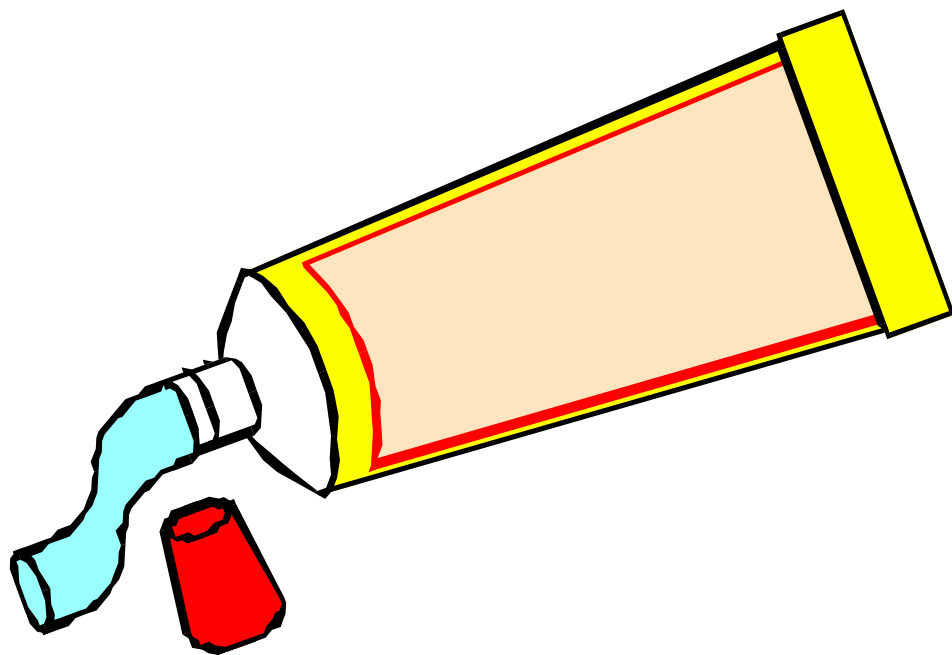


Use 20 blocks to make four towers according to the following rules:

- ◆ the first tower is half as tall as the second tower.
- ◆ the third tower is the same height as the second tower.
- ◆ the fourth tower is two and a half times as high as the second tower.



How long is a tube of toothpaste?



If you squeezed out all the toothpaste in a tube,
how long do you think the line would be?
Estimate first, in centimetres, then find a way
to check your estimate.

How much toothpaste on just one toothbrush?
How many brushes would you get from one
tube? How much would each brushing cost?

Invent your own activity related to length and toothpaste.
e.g. How many tubes would you need
to make a line of toothpaste exactly 1 km long?