

1

One ruler costs 8p.

How much will 12 rulers cost?

 p

2

On a map, 1 cm represents 5 km.
Two towns are 6 cm apart on the map.

How far apart are the two towns in real life?

 km

3

4 balls of wool weigh 800 g altogether.

How much does 1 ball of wool weigh?

 g

What is the weight of 9 balls of wool?

 g

4

6 tennis balls cost £9.

How much will 30 tennis balls cost?


 £


Scaling

5

Trevor is designing a kitchen.
He makes a one-tenth scale model of the room.

His model is 32 cm wide and 54 cm long.
What are the measurements of the kitchen in real life?

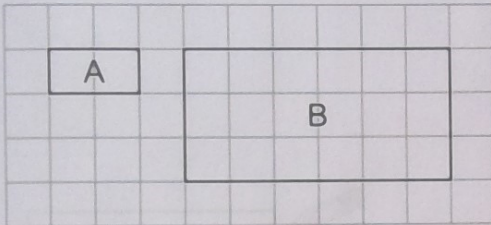
Width =  m

Length =  m


1 mark

6

Shapes A and B are similar rectangles.



What is the scale factor that takes you from Shape A to Shape B?




1 mark

7

7 rolls of wallpaper cost £56.

How much will 5 rolls of wallpaper cost?


 £

1 mark

8

Annie is making a scale model of a greenhouse for a class project.
She measures the greenhouse and finds it is 6 m wide and 8 m long.

Her model of the greenhouse is 12 cm wide. How long is the model?

 cm

1 mark

"I can use scaling to solve money and shape problems."

