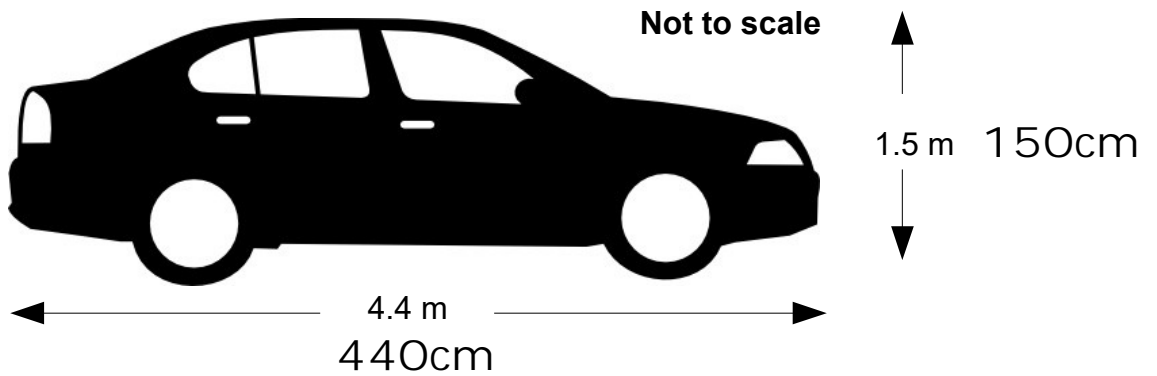


1

A car is 4.4 metres long and 1.5 metres tall.



Kyle is making a scale model of the car.

His model is 30 centimetres tall.

How **wide** is his model?

$$150 \div 30 = 5$$

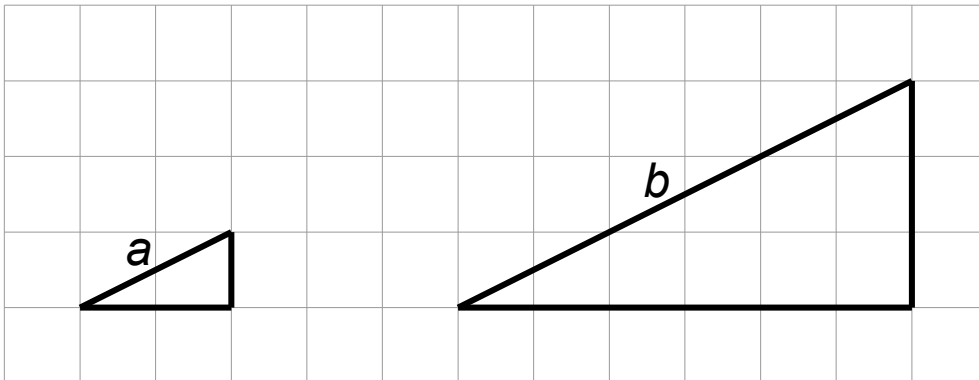
$$440 \div 5 = 88$$

88 cm

1 mark

2

Here are two similar triangles.



Write the ratio of side *a* to side *b*.

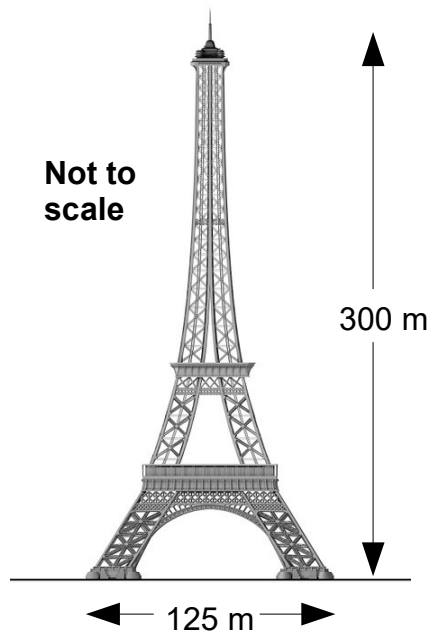
$a : b =$

1 : 3

1 mark

3

The Eiffel Tower is 300 metres tall and 125 metres wide.



Amber is making a scale model of the Eiffel Tower.

Her model is 60 centimetres tall.

How **wide** is her model?

$$300 \div 60 = 5$$

$$125 \div 5 = 25$$

25 cm

1 mark

4

Brogan's table is 130 cm in width and 86 cm in height.

She is making a **one-tenth** scale model of the table.

What are the width and height of Brogan's model?

width =

13 cm

height =

8.6 cm

2 marks