Area (Squares & Rectangles)

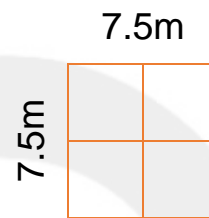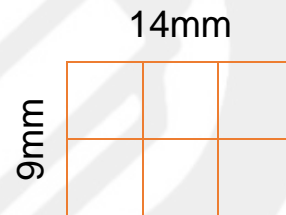| Finding the Area |
| --- |
| The area of a shape is the amount of space inside it. It can be found through area formulas. When measuring area, we use **square units**. Square units measure the space inside a shape. |

Area of a Square

A = Length × Length

EXAMPLE: A = 7.5m × 7.5m = 56.25m^2
There are 56.25 (1m by 1m) squares inside.

7.5m
7.5m

Area of a Rectangle

A = Length × Width

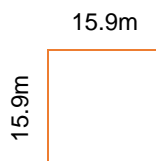EXAMPLE: A = 14mm × 9mm = 126mm^2
There are 126 (1mm by 1mm) squares inside.

14mm
9mm

Instructions: Find the area of the shapes below.

1

52.5cm
26.2cm

2

15.9m
15.9m

3

36.92m

11.13m

4

48.33m

48.33m

5

27.46mm

13mm

6

78.38mm

78.38mm

7

618.26cm

403.51cm

Area (Squares & Rectangles)
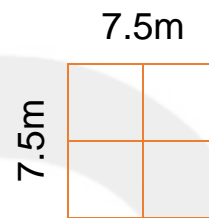
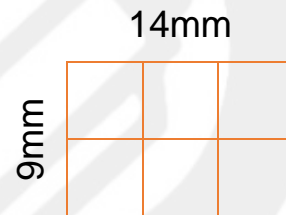| Finding the Area |
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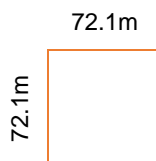EXAMPLE: A = 14mm × 9mm = 126mm^2
There are 126 (1mm by 1mm) squares inside.

14mm
9mm

Instructions: Find the area of the shapes below.

1	49.8cm 37.6cm
2	72.1m 72.1m

3

103cm

77.6cm

4

21.73m

21.73m

5

576.24m

252.8m

6

843.7km

843.7km

7

269.54cm

269.54cm