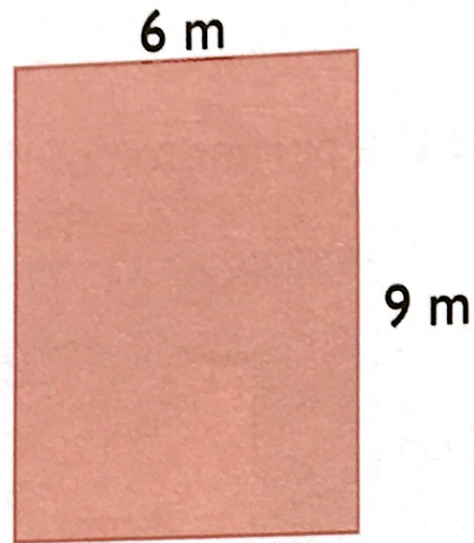


Area — 1

You might want to brush up on your multiplication skills — you're going to need them for calculating areas.

Examples

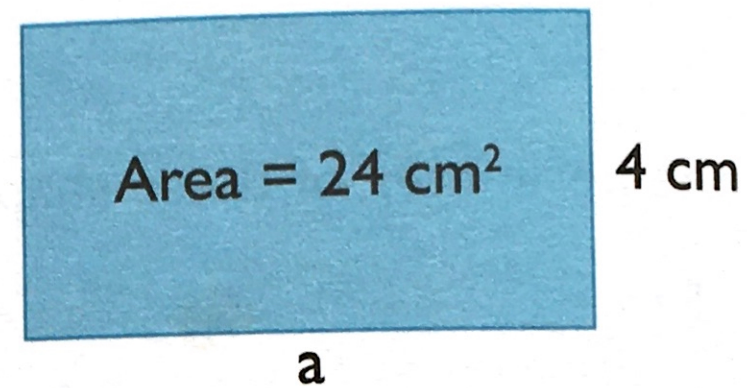
Calculate the area of the rectangle below.



This rectangle's sides are 6 m and 9 m.
So the area = $9 \times 6 = 54 \text{ m}^2$.

The sides are measured in metres,
so the area is in m^2 (metres squared).

What is the length of side a?

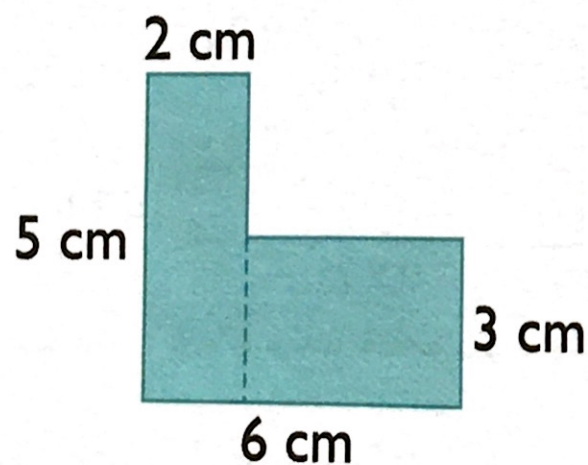


$$\text{Area} = a \times 4 = 24$$

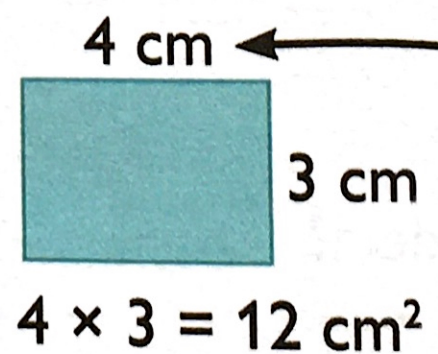
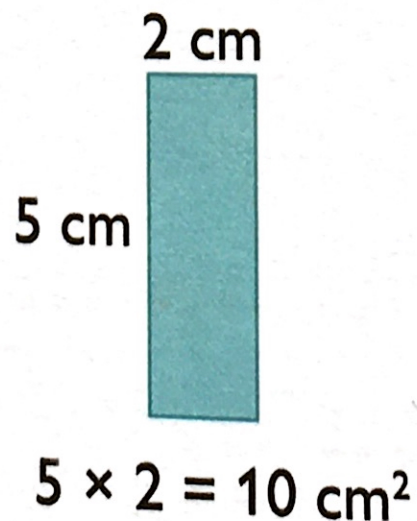
$$\text{So } a = 24 \div 4 = 6$$

Length of side a = **6 cm**

Calculate the area of the shape below.



Split the shape into two rectangles and calculate their areas.



You can work out the length of this side by subtracting the short side (2 cm) from the long side (6 cm).

Then add the two areas together to get the total area of the shape.

$$10 + 12 = 22 \text{ cm}^2$$