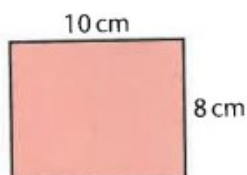


The area of a shape is the amount of surface it covers.
The perimeter of a shape is the distance around its edges.

Example

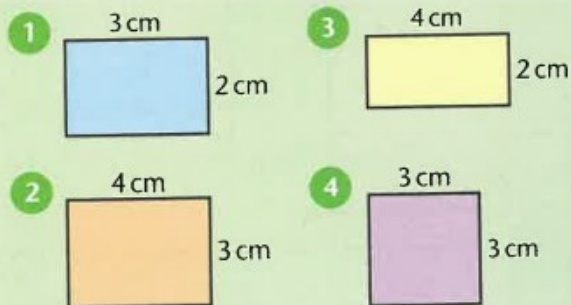
$$\begin{aligned}\text{Perimeter} &= (\text{length} + \text{width}) \times 2 \\ &= 18\text{cm} \times 2 \\ &= 36\text{cm}\end{aligned}$$



$$\begin{aligned}\text{Area} &= \text{length} \times \text{width} \\ &= (10 \times 8)\text{cm}^2 \\ &= 80\text{cm}^2\end{aligned}$$

A

Use 1 cm² paper. Copy the shapes.
Give the area and perimeter of each shape.

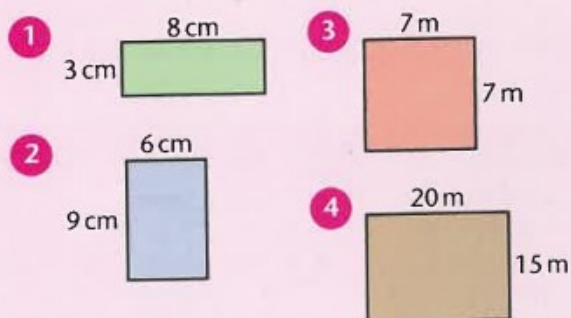


For each of these shapes work out:

- a) the area b) the perimeter
- 5 rectangle sides 5 cm 3 cm
 - 6 square sides 4 cm
 - 7 rectangle sides 7 cm 2 cm
 - 8 square sides 5 cm
 - 9 rectangle sides 10 cm 2 cm
 - 10 rectangle sides 6 cm 4 cm

B

Give the area and perimeter of each shape.



For each shape work out:

- a) the area b) the perimeter
- 5 rectangle sides 8 cm 6 cm
 - 6 rectangle sides 5 m 17 m
 - 7 square sides 12 cm
 - 8 rectangle sides 15 m 3 m
 - 9 A rectangular field is 80 m long and 50 m wide. Find its area and perimeter.

C

1 Copy and complete the table.

Length (cm)	Width (cm)	Perimeter (cm)	Area (cm ²)
8	5		
	4	34	
12			84
9		36	
	5		100

For each of the following shapes find:

- a) the perimeter (cm) b) the area (cm²).

