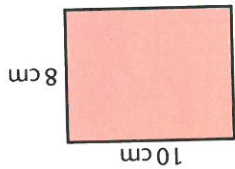


**TARGET** To calculate the area and perimeter of squares and rectangles.

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

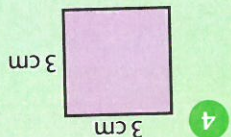
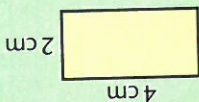
**Example**  
Perimeter = (length + width) × 2  
= 18 cm × 2  
= 36 cm



Area = length × width  
= (10 × 8) cm<sup>2</sup>  
= 80 cm<sup>2</sup>

**A**

Use 1 cm<sup>2</sup> paper. Copy the shapes. Give the area and perimeter of each shape.

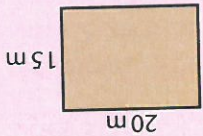
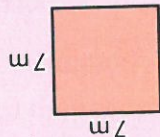
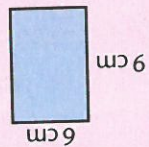
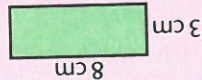


For each of these shapes work out:  
a) the area b) the perimeter

- 8 square sides 5 cm
- 9 rectangle sides 10 cm 2 cm
- 10 rectangle sides 6 cm 4 cm
- 5 rectangle sides 5 cm 3 cm
- 6 square sides 4 cm
- 7 rectangle sides 7 cm 2 cm

**B**

Give the area and perimeter of each shape.



For each shape work out:  
a) the area b) the perimeter

- 1 square sides 12 cm
- 2 rectangle sides 8 cm 6 cm
- 3 rectangle sides 5 m 17 m
- 4 A rectangular field is 80 m long and 50 m wide. Find its area and perimeter.

**C**

Copy and complete the table.

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

For each of the following shapes find:  
a) the perimeter (cm) b) the area (cm<sup>2</sup>).

