



**Knowledge**

- Kilometers

**Skills**

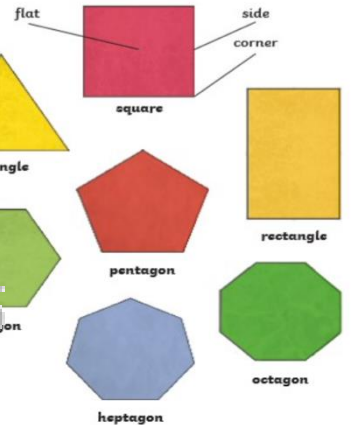
- Perimeter on a grid
- Perimeter of a rectangle
- Perimeter of rectilinear shapes

**Vocabulary**

Metre (m), centimetre (cm), millimetre (mm), kilometre (km), length, width, perimeter, distance, right angle, rectilinear, parallel, perpendicular, edge, ruler

Perimeter

The perimeter is the total distance around the outside of a two-dimensional (2D) shape.



Perimeter of a rectangle



$$\text{Length} + \text{Width} + \text{Length} + \text{Width} = \text{Rectangle Perimeter}$$

$$\text{Length} + \text{Width} \times 2 = \text{Rectangle Perimeter}$$

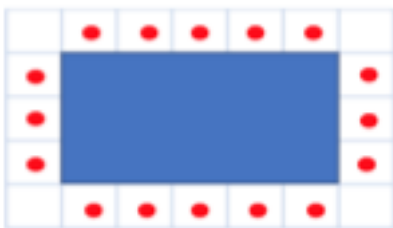
Units of Measure for Perimeter

1 kilometre = 1,000 metres

1 metre = 100 centimetres

1 centimetre = 10 millimetres

Perimeter on a grid



This rectangle has a perimeter of 16cm.

Rectilinear Shapes

A rectilinear shape is a 2D shape whose sides all meet at right angles (90°).



To calculate the perimeter of a shape you can count the squares that surround it to make the length. Remember not to count the corners as these do not make up the length.