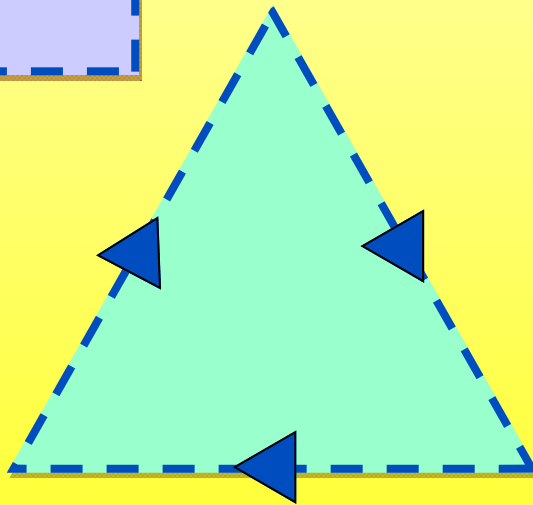
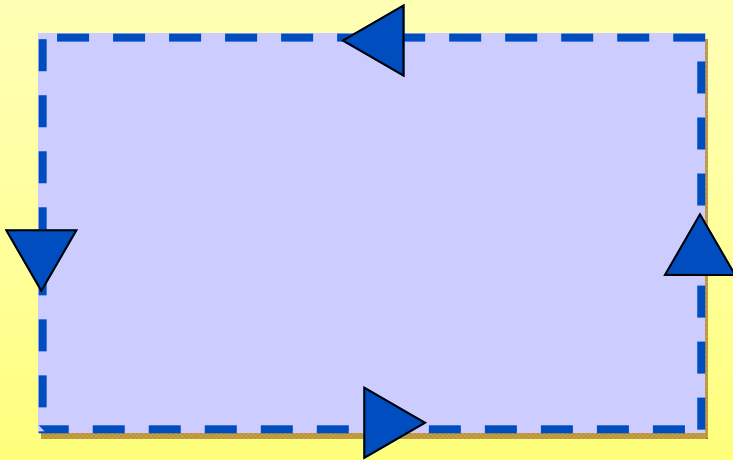


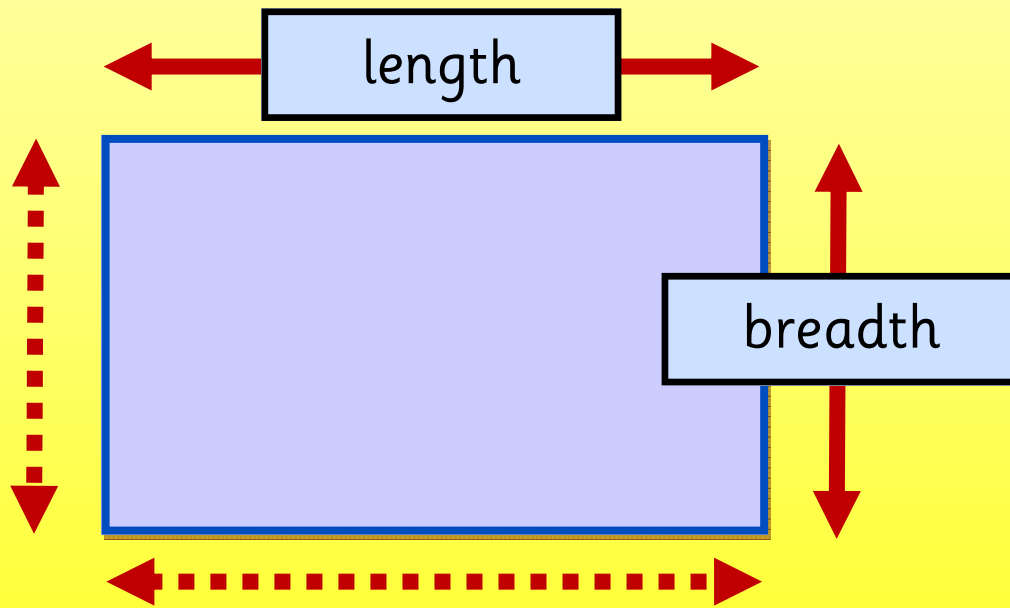
Perimeter



The **perimeter** is
the **edge** or
boundary of an
area

It can be
measured in
mm: millimetres
cm: centimetres
m: metres
km: kilometres

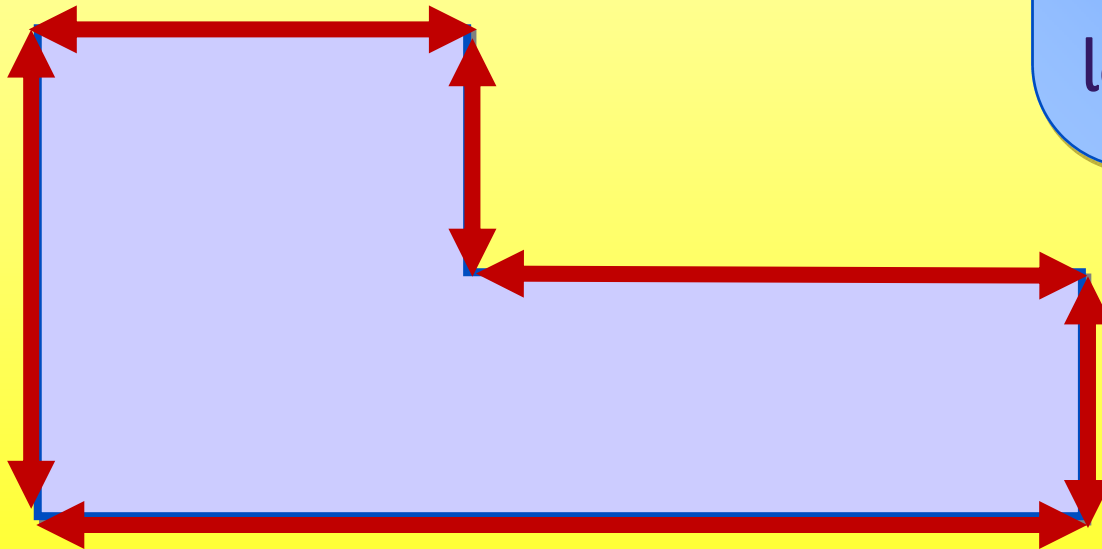
Measuring Perimeter



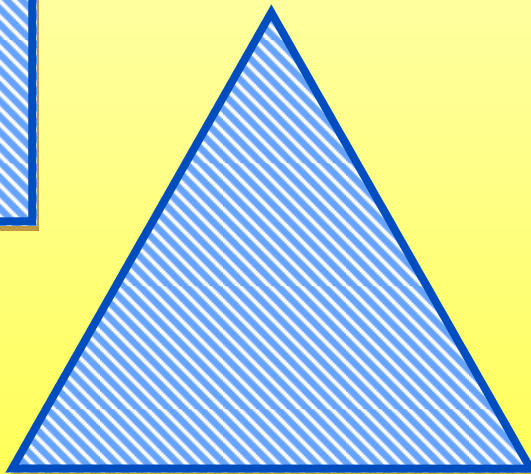
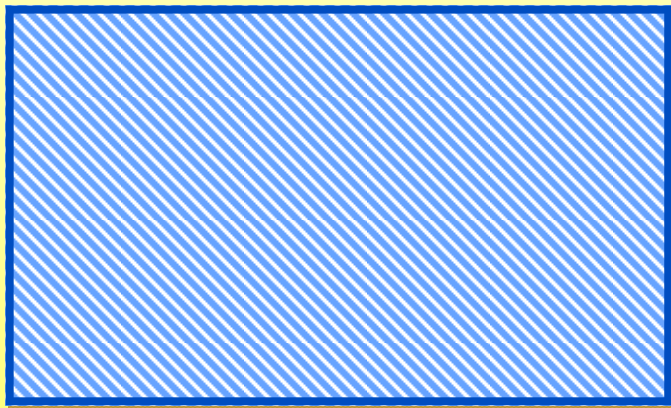
To measure the perimeter of a rectangle you need to add the length and breadth together and multiply by 2
 $(\text{Length} + \text{breadth}) \times 2 = \text{perimeter}$

Measuring Perimeter

To measure the perimeter of an irregular polygon you need to add together the length of all sides



Area

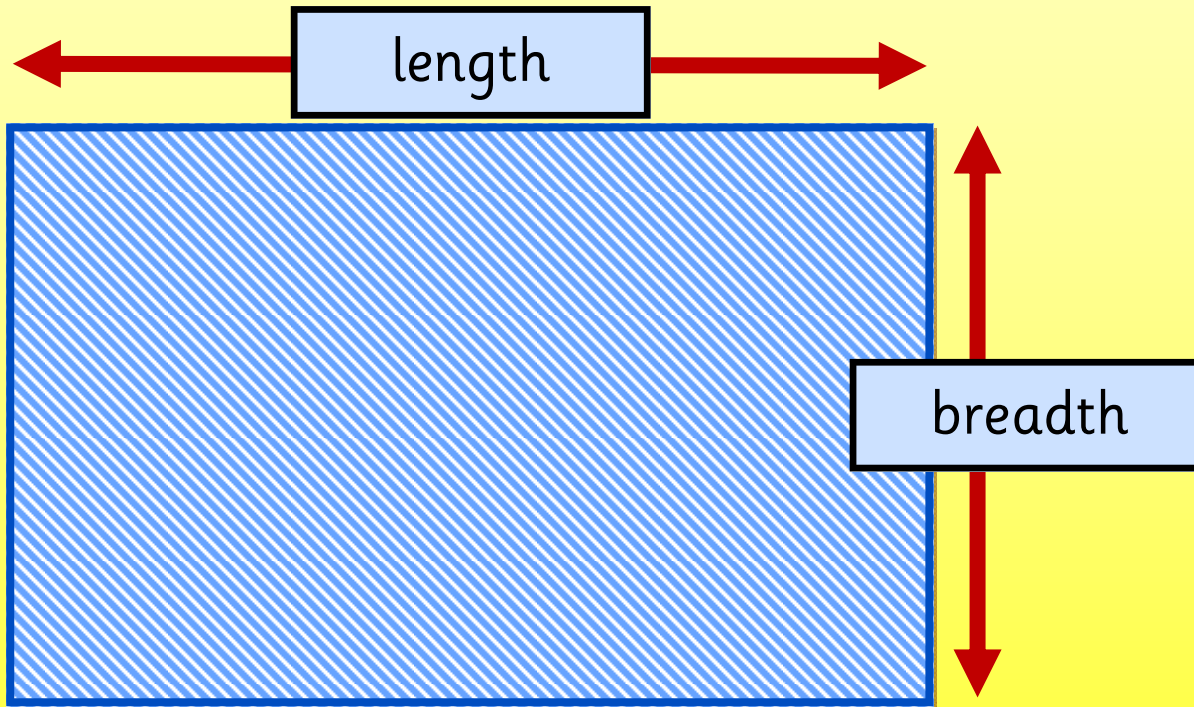


The **area** is the **total surface** of a shape.

It can be measured in
 mm^2 : millimetres²
 cm^2 : centimetres²
 m^2 : metres²
 km^2 : kilometres²

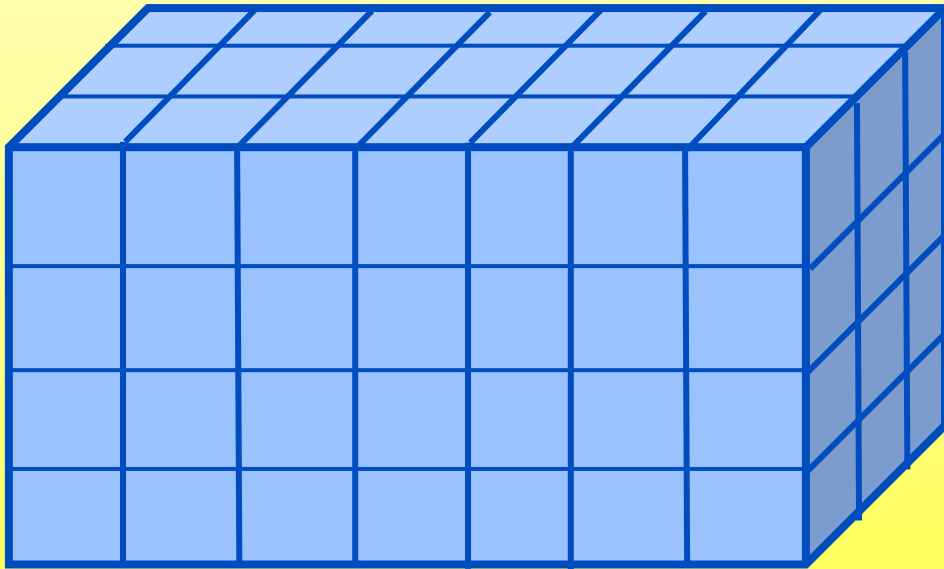
The ² symbol means 'squared'.

Measuring Area



To measure the area of a rectangle you need to multiply the length times the breadth
 $\text{Length} \times \text{breadth} = \text{area}$

Volume



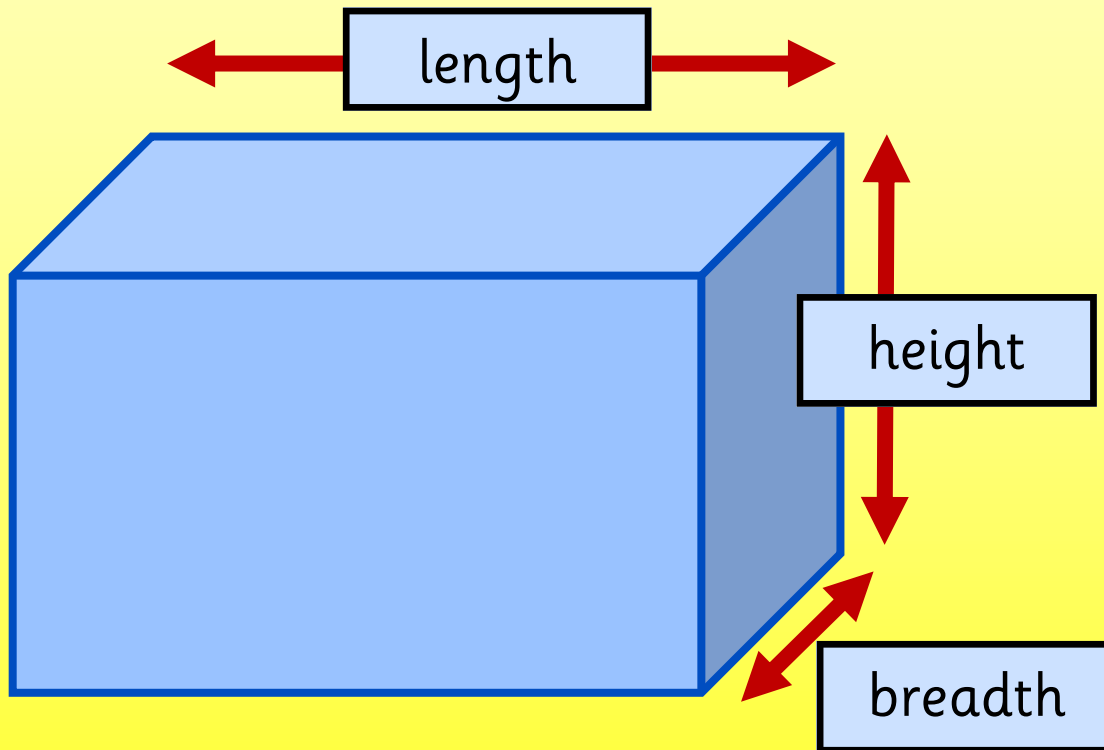
The **volume** of an object is the **total space** an object fills.

It can be measured in
 mm^3 : millimetres³
 cm^3 : centimetres³
 m^3 : metres³

km^3 : kilometres³

The ³ symbol means 'cubed'.

Measuring Volume



To measure the area of a cube or cuboid you need to multiply the length times the breadth times the height
 $\text{Length} \times \text{breadth} \times \text{height} = \text{volume}$