



Length and Perimeter

Knowledge

- Equivalent lengths – m & cm
- Equivalent lengths – mm & cm

Skills

- Measure length
- Compare lengths
- Add lengths
- Subtract lengths
- Measure perimeter
- Calculate perimeter

Vocabulary

Metre (m), centimetre (cm), millimetre (mm), height, width, length, perimeter, further/est, higher/est, longer/est, shorter/est, taller/est, ruler, equivalent

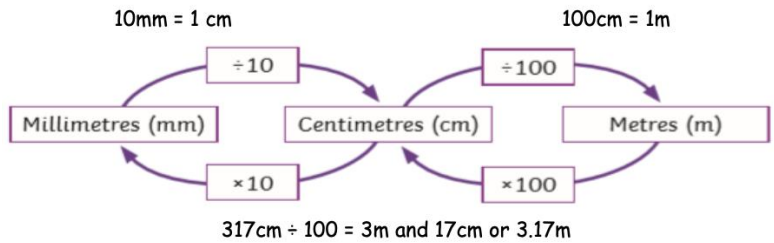
Inspirational Mathematician

Gottfried Leibniz (1646-1716)

Gottfried Leibniz was a German mathematician who developed many systems in maths that we use today. He also invented an early calculating machine.



Equivalent Length



Comparing Length

6mm < 6cm
 6cm = 60cm
 6mm is shorter than 6cm

320cm > 2m 6cm
 320cm > 200cm + 60cm
 320cm is longer than 2m 60cm

6m - 2m 28cm
 6m - 2m = 4m

Adding and Subtracting Length

4m - 28cm = 3m 72cm

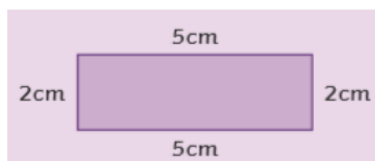
14cm + 19cm = 33cm

5cm 2mm + 16mm = 98mm or 9cm 8mm

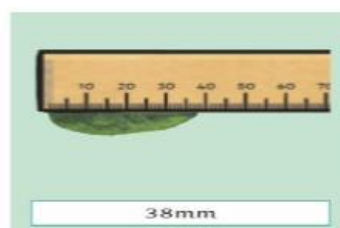
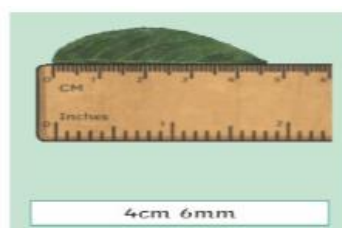
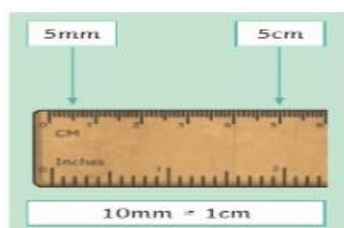
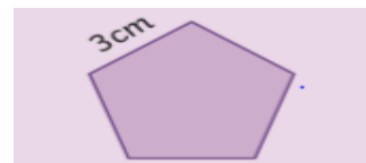
Perimeter

Perimeter is the distance around a two-dimensional shape. To find the perimeter you can add the lengths of each side.

$5\text{cm} + 2\text{cm} + 5\text{cm} + 2\text{cm} = 14\text{cm}$



$3\text{cm} + 3\text{cm} + 3\text{cm} + 3\text{cm} + 3\text{cm} = 15\text{cm}$



Measuring Length