

Vocabulary

Centimetre, millimetre, kilometre, metre

Length, height, width, depth

Far, further, furthest

Ruler

Metre stick

Tape measure

Trundle wheel

New vocabulary

Distance apart

Between

To ... from

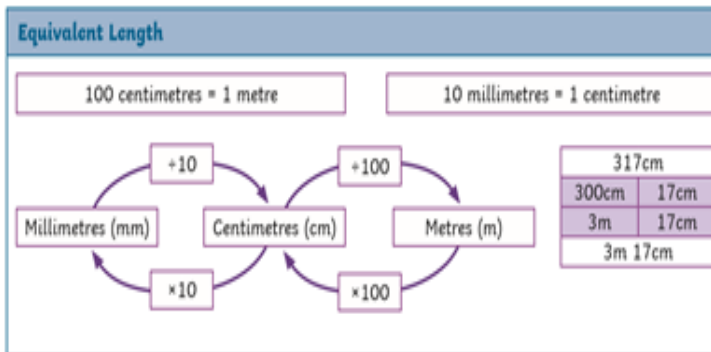
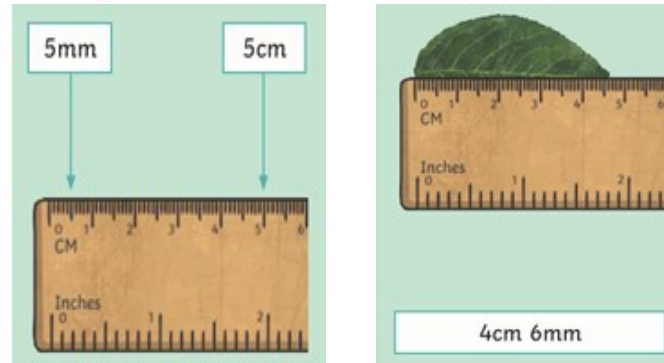
Perimeter - Distance around the outside of a shape

Objectives

- Measure length
- Equivalent lengths—cm and mm
- Equivalent lengths—m and cm
- Compare lengths
- Add and subtract lengths
- Measure perimeter
- Calculate perimeter

Length and perimeter Year 3 Knowledge organiser

Length



Compare Lengths

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

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

98mm < 12cm 3mm
98mm < 120mm + 3mm
98mm is shorter than 12cm 3mm

Add and Subtract Lengths

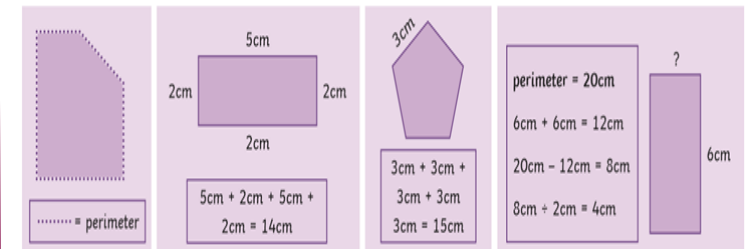
14cm + 19cm = 33cm
8cm 2mm + 16mm =
98mm or 9cm 8mm

?	
8cm 2mm	16mm
82mm	16mm

6m - 2m 28cm
6m - 2m = 4m
4m - 28cm = 3m 72cm

6m	
2m 28cm	?

Perimeter



Prior learning

Measure length (cm and m), compare lengths, order lengths, four operations with lengths.