

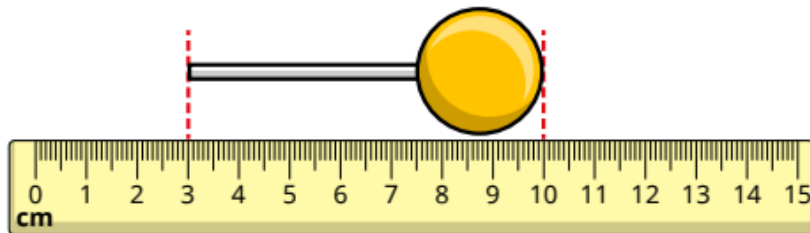
# YEAR 3 – Length and Perimeter Knowledge Organiser



Measure in m and cm, measure in mm, measure in cm and mm, equivalent length, comparing lengths, adding lengths, subtracting lengths, what is perimeter, measure perimeter, calculate perimeter

## Measuring Length

What is the length of the lollipop?



## Measurement Facts

$$10 \text{ mm} = 1\text{cm}$$

$$100 \text{ cm} = 1\text{m}$$

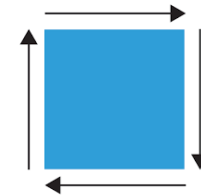
$$100\text{mm} = 10\text{cm}$$

$$300\text{cm} = 3\text{m}$$

$$2\text{m} = 200\text{cm}$$

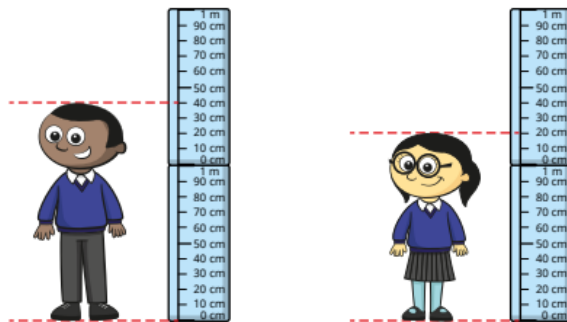
## What is perimeter?

The perimeter of a shape is the measurement around its edge (the perimeter of a circle is called the circumference).



## How much taller is Mo than Annie?

Mo and Annie use metre sticks to measure their height.  
How tall are they?



## Using Bar Models to help us

Use the bar models to complete the sentences.

1 cm	1 cm	1 cm	1 cm	1 cm	1 cm
10 mm					

$$6 \text{ cm} = \text{ } \text{mm}$$

10 mm	10 mm	10 mm

$$30 \text{ mm} = \text{ } \text{cm}$$

## Key Vocabulary

**Perimeter** – The measurement around a shape's edge

**Length** – the measurement of something from end to end

**mm** – millimetre

**cm** – centimetre

**m** – metre

**equivalent** – equal in value