

# Perimeter



**LO: To identify the perimeter of a shape**

**Success Criteria**

I can add up the lengths of a shape to find the perimeter

I can use an appropriate method to calculate the total perimeter

I can show my working out



What  
does  
Perimeter  
mean?

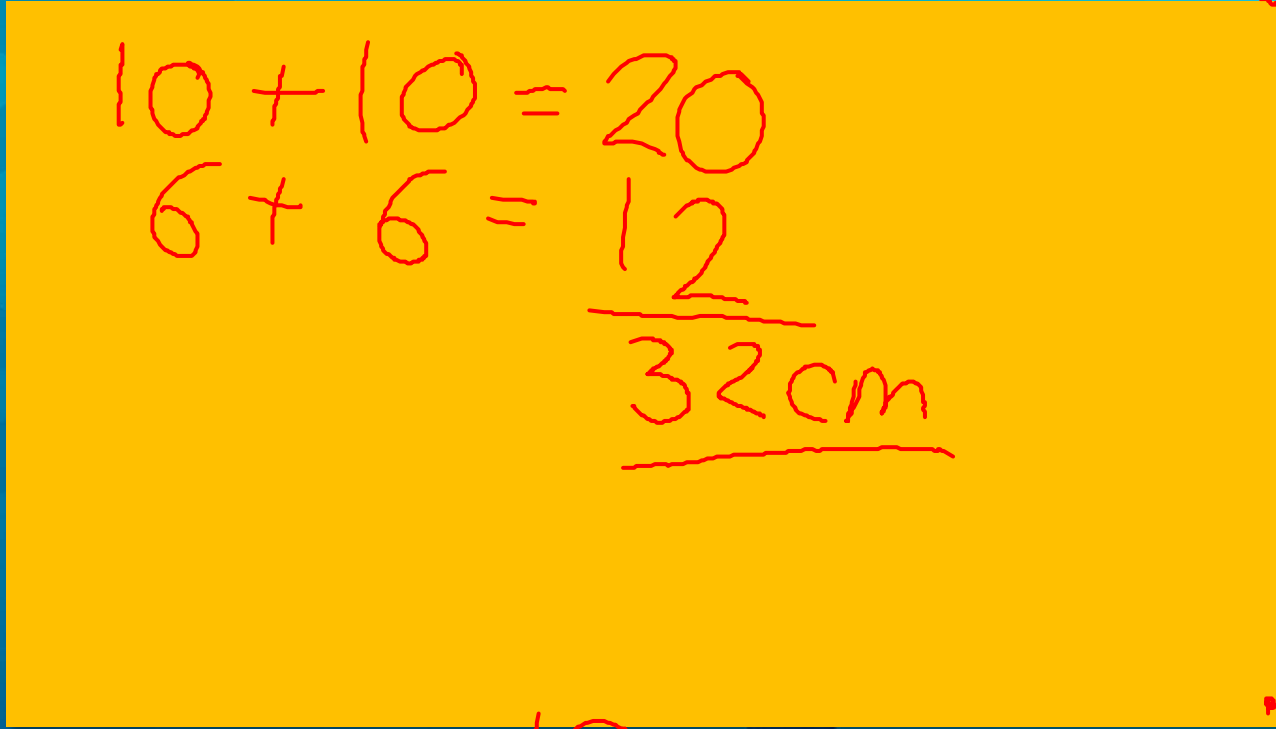




# Perimeter

The distance **around the outside** of a shape, calculated by **adding** the length of all sides together.

$$10 + 6 = 16 \text{ cm}$$



6 cm

10 cm

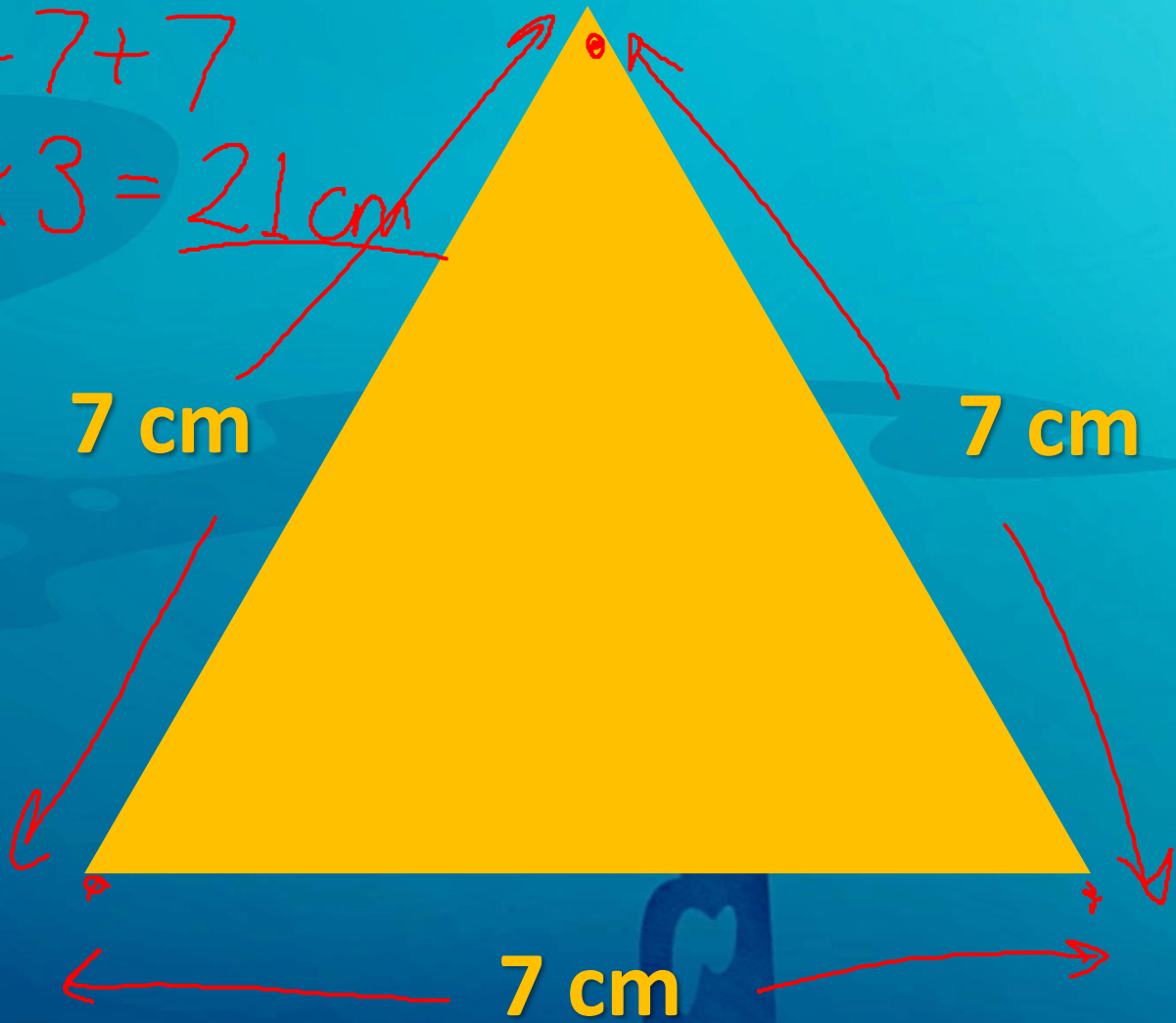
$$7 + 7 + 7$$

$$7 \times 3 = \underline{21 \text{ cm}}$$

7 cm

7 cm

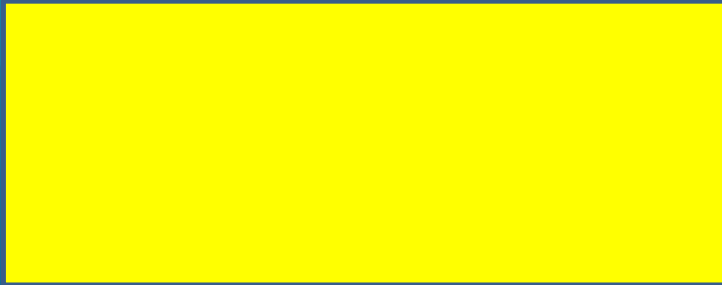
7 cm





A rectangle shaped garden is 3 metres by 2 metres.

What is the perimeter of the garden?



How to work it out!

We know that a rectangle has two sets of equal sides. So 2 sides will be 3 metres and the other 2 will be 2 metres.

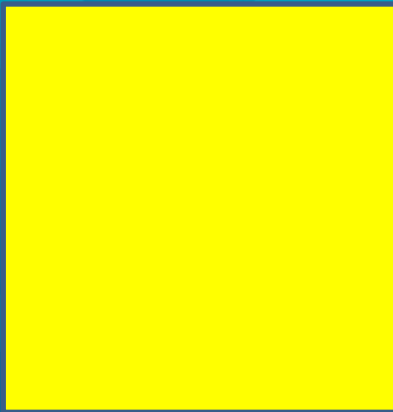
$$3 + 3 = 6$$

$$2 + 2 = 4$$

$$6 + 4 = 10\text{m}$$

A square shaped room is 4 metres on one side.

What is the perimeter of the room?



How to work it out!

We know that all the sides of a square are equal in length. That means every side of the square is 4 metres.

$$4 \times 4 = 16\text{m}$$



