

Perimeter

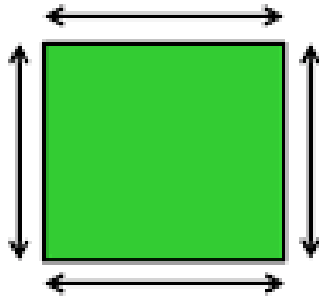
Perimeter

What is it?

Perimeter is distance all the way around a shape- it is like a fence around a field.

What is Perimeter?

The perimeter is the distance all the way around the outside of a 2D shape.



How do I find it?

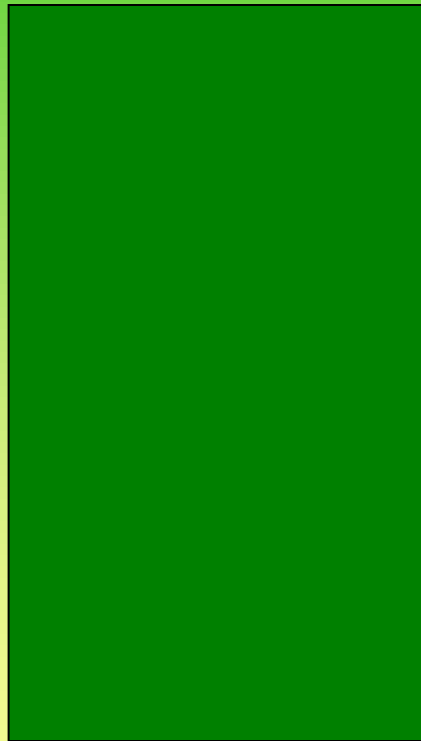
Add up all the sides (lengths) of the shape

You can watch this video to help you understand better-

<https://www.youtube.com/watch?v=6mopAgqjkVM>

Calculating Perimeter

7cm



How can we calculate the perimeter?

- What do you know about this shape? It is a rectangle, so opposite sides are equal. Therefore we know the length of all 4 sides.

- adding the lengths of the sides together.

$$7\text{cm} + 7\text{cm} + 18\text{cm} + 18\text{cm} = 50\text{cm}$$

$$\text{Perimeter} = 50\text{cm}$$

What length would this side be?

Have a go at these...

22cm

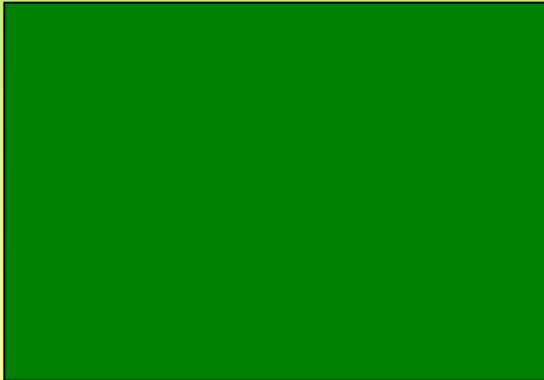
5cm



Perimeter = _____cm

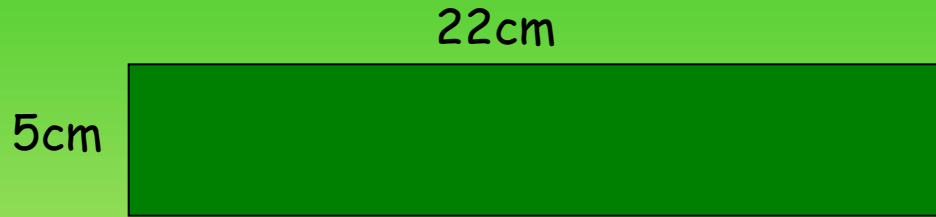
32cm

15cm



Perimeter = _____cm

Have a go at these...

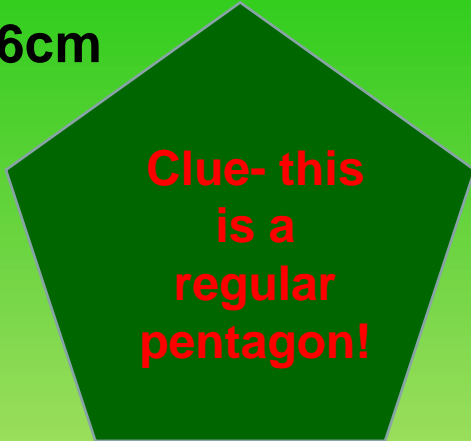


$$\text{Perimeter} = \underline{54} \text{ cm}$$



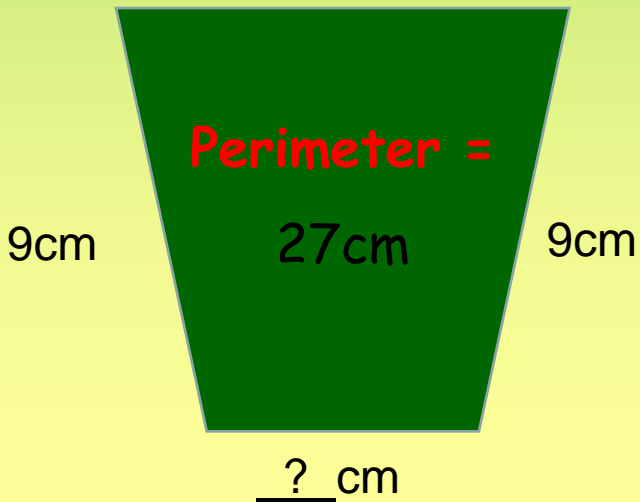
$$\text{Perimeter} = \underline{94} \text{ cm}$$

6cm



Perimeter = _____cm

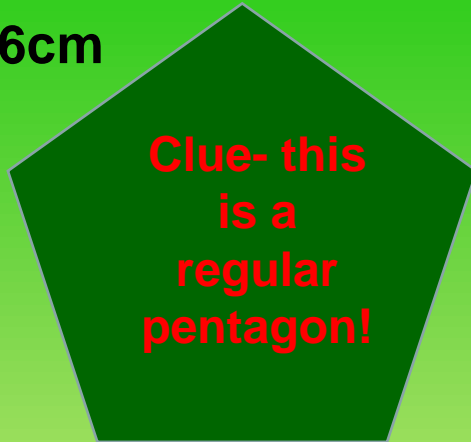
5cm



What is the length of the missing side?

_____cm

6cm

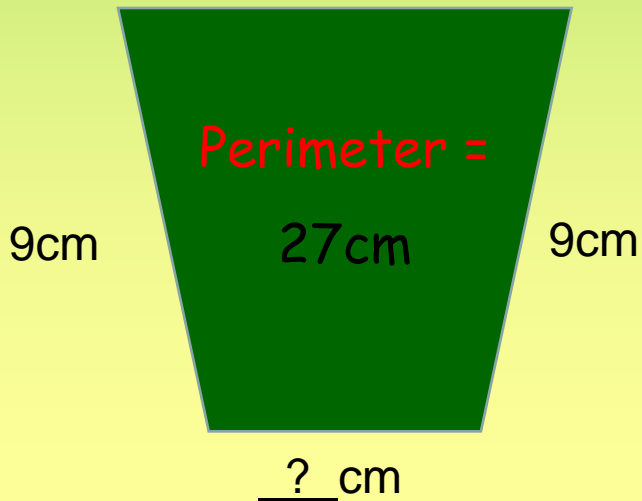


Perimeter = 30cm

(6cm+6cm+6cm+6cm+6cm

Or 6cm x5)

5cm



What is the length of the missing side?

4cm

$9\text{cm} + 9\text{cm} + 5\text{cm} = 23\text{cm}$

$27\text{cm} - 23\text{cm} = 4\text{cm}$