

CALCULATE PERIMETER



GET READY



1) Complete the statement below

$$30 \text{ mm} = \underline{\hspace{2cm}} \text{ cm}$$

2) Find 2 ways to calculate $9 + 3 + 9 + 3$?

3) What is the difference between 9 and 5?

1) Complete the statement below

$$30 \text{ mm} = \underline{3} \text{ cm}$$

2) Find 2 ways to calculate $9 + 3 + 9 + 3$?

$$\text{double } 9 = 18$$

$$\text{double } 3 = 6$$

$$18 + 6 = 24$$

$$\begin{array}{cc} \underbrace{9 + 3} & \underbrace{9 + 3} \\ 12 & 12 \end{array}$$

$$\text{double } 12 = 24$$

3) What is the difference between 9 and 5?

$$9 - 5 = 4$$

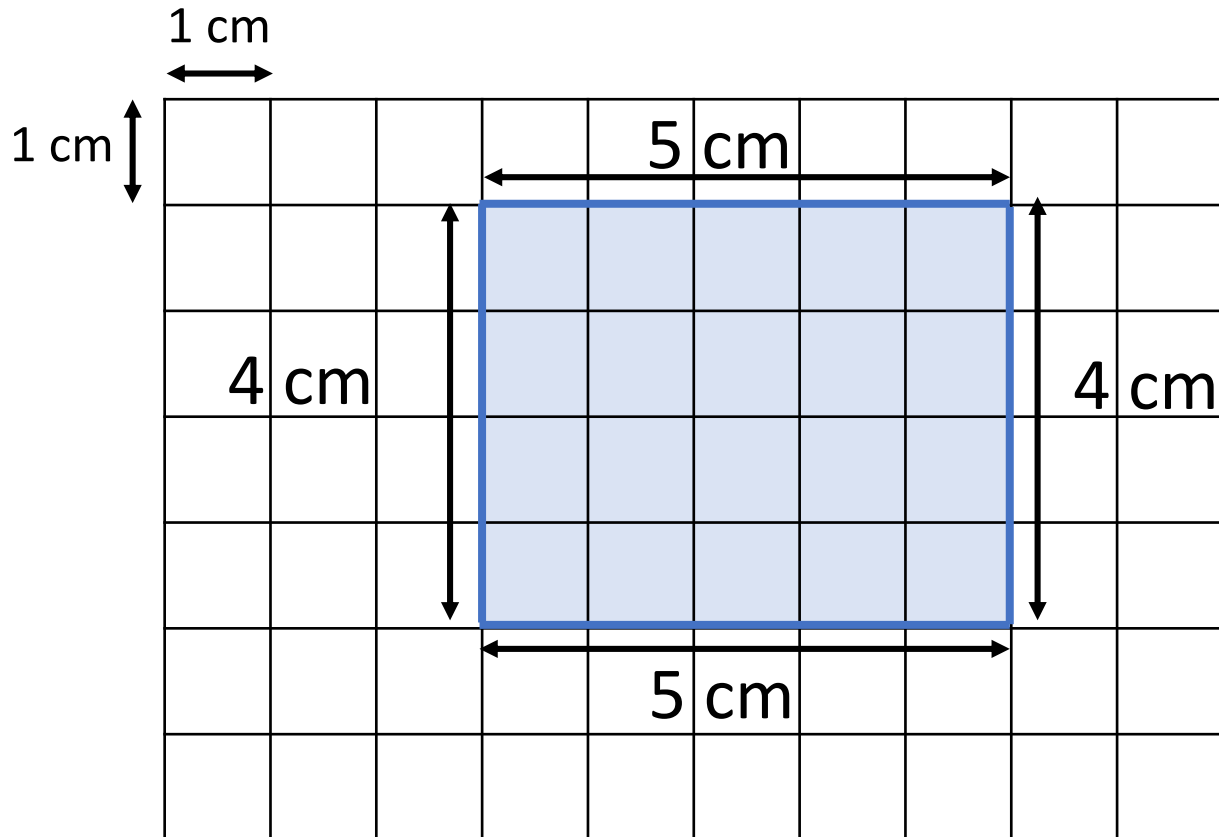
$$5 + \boxed{4} = 9$$

<https://youtu.be/xY93M9dIZ0U>

LET'S LEARN

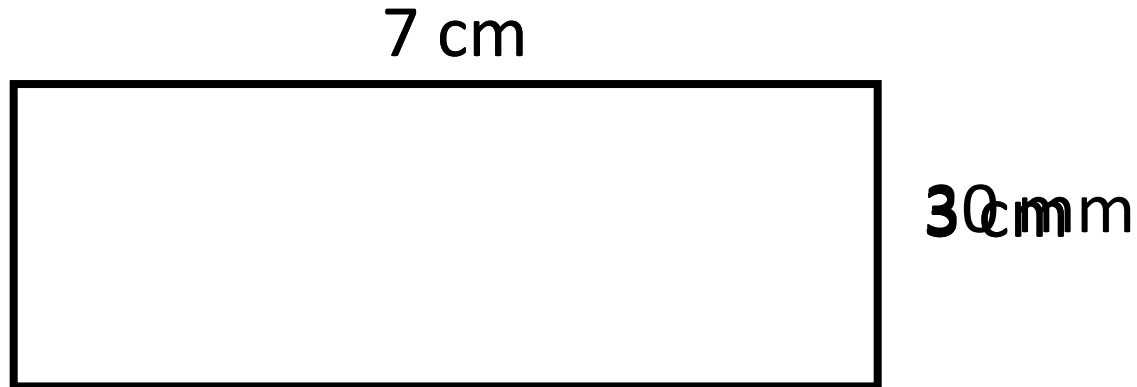


What is the perimeter of the rectangle?



$$5 \text{ cm} + 4 \text{ cm} + 5 \text{ cm} + 4 \text{ cm} = 18 \text{ cm}$$

What is the perimeter of the rectangle?



Perimeter = 20 cm

Opposite sides of a
rectangle are equal

$$7 \text{ cm} + 3 \text{ cm} + 7 \text{ cm} + 3 \text{ cm} = 20 \text{ cm}$$

What is the perimeter of the rectangle?

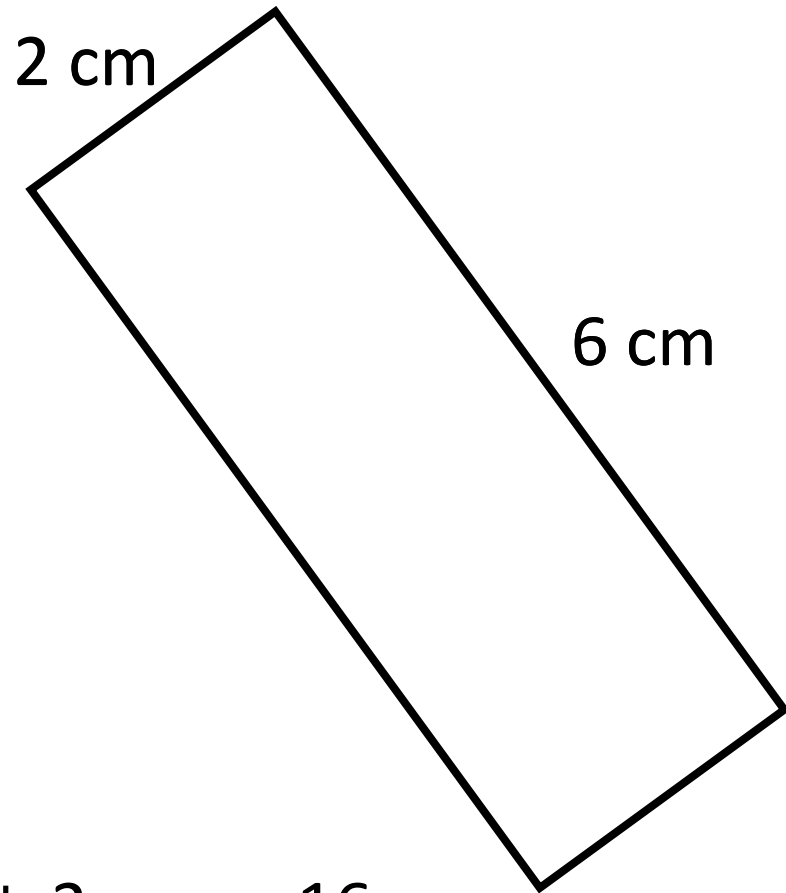
Have a think



Opposite sides of a rectangle are equal

Perimeter = ~~18cm~~ 16cm

$$6 \text{ cm} + 2 \text{ cm} + 6 \text{ cm} + 2 \text{ cm} = 16 \text{ cm}$$



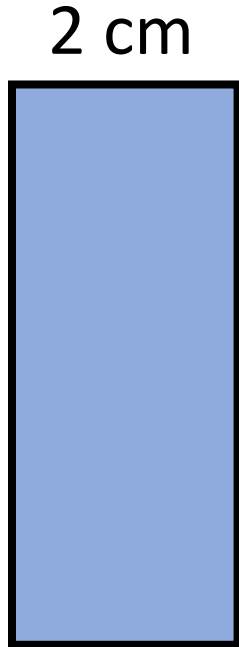


$$6 \text{ cm} + 2 \text{ cm} + 6 \text{ cm} + 2 \text{ cm} = 16 \text{ cm}$$

$$6 \text{ cm} \times 2 + 2 \text{ cm} \times 2 = 16 \text{ cm}$$

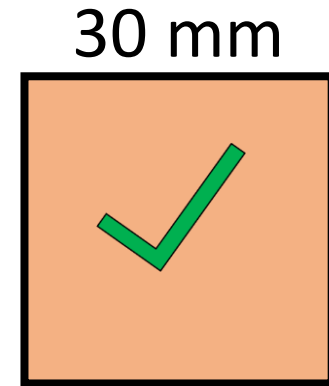
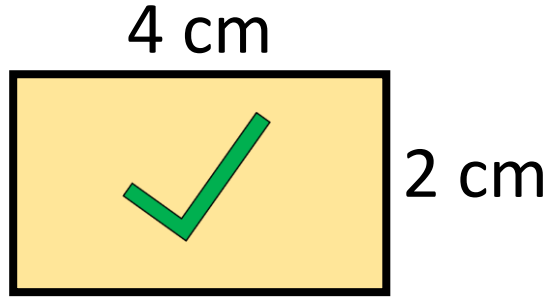
$$8 \text{ cm} \times 2 = 16 \text{ cm}$$

Which shapes have a perimeter of 12 cm?



$$6 \text{ cm} + 2 \text{ cm} = 8 \text{ cm}$$
$$8 \text{ cm} \times 2 = 16 \text{ cm}$$

$$4 \text{ cm} + 2 \text{ cm} = 6 \text{ cm}$$
$$6 \text{ cm} \times 2 = 12 \text{ cm}$$



$$30 \text{ mm} = 3 \text{ cm}$$
$$3 \text{ cm} \times 4 = 12 \text{ cm}$$

Have a think

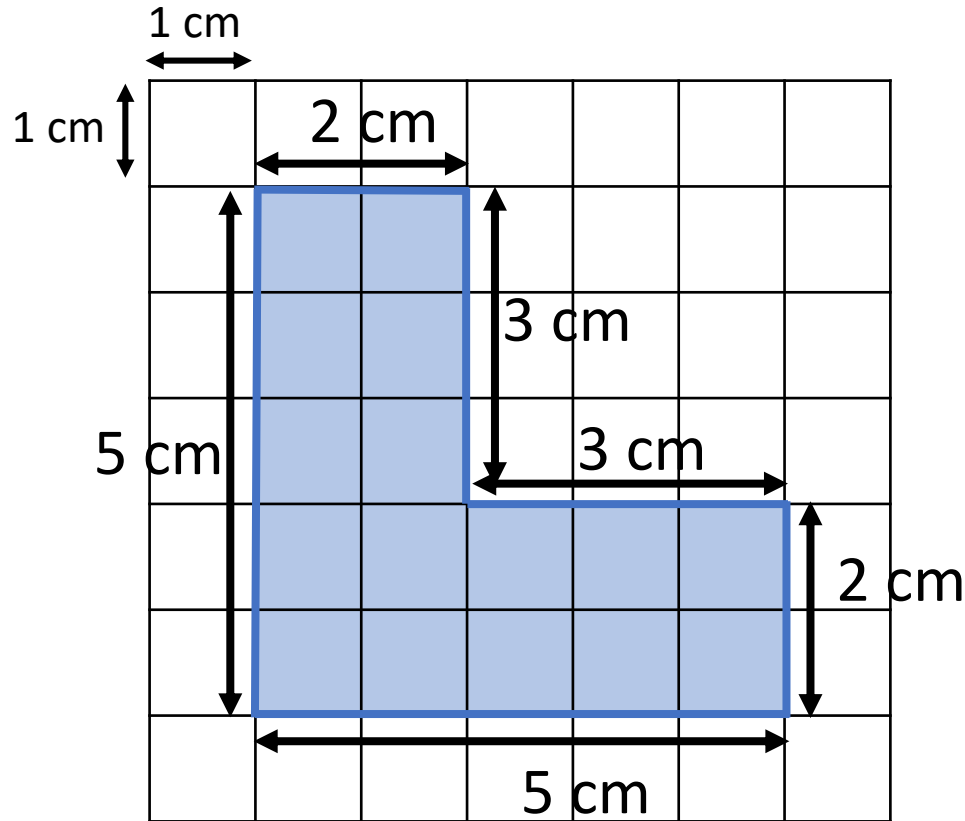


YOUR TURN

Have a go at questions
1 - 4 on the worksheet

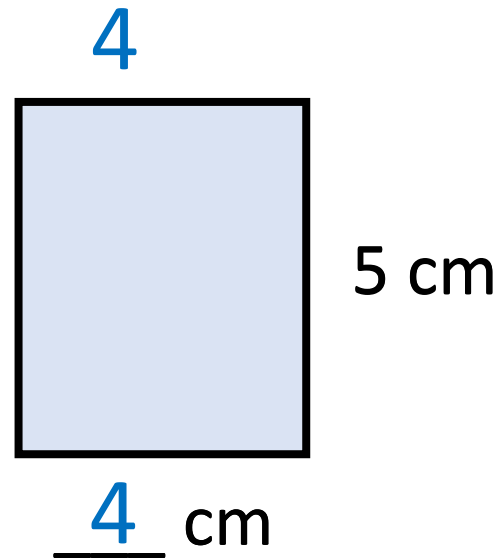


What is the perimeter of the shape?



$$2 \text{ cm} + 3 \text{ cm} + 3 \text{ cm} + 2 \text{ cm} + 5 \text{ cm} + 5 \text{ cm} = 20 \text{ cm}$$

Perimeter = 18 cm



$$5 + \boxed{4} + 5 + \boxed{4} = 18$$

Diagram showing the addition of the sides of the rectangle. Brackets under the first two terms (5 and 4) and the last two terms (5 and 4) indicate that each pair sums to 9.

$$18 \div 2 = 9$$

$$5 + \boxed{4} = 9$$

YOUR TURN

Have a go at the rest of
the worksheet

