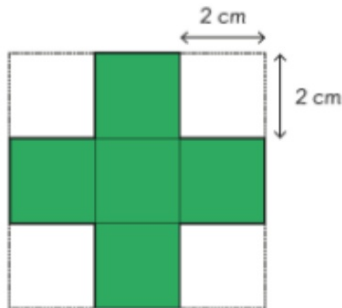


4/3/21

Lesson 4: Measuring perimeter

In Focus



Sam

Perimeter = 12 cm

Lulu

$4 \times 2 \text{ cm} = 8 \text{ cm}$

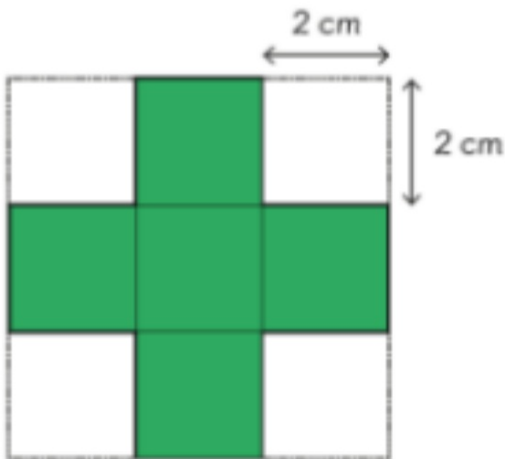
There are 5 squares.
So, perimeter = $5 \times 8 \text{ cm} = 40 \text{ cm}$

Ruby

$5 \times 2 \text{ cm} = 10 \text{ cm}$

Perimeter = $2 \times 10 \text{ cm} = 20 \text{ cm}$

What is wrong with their methods?



What do you notice about the size of each square?

What do you think the perimeter of the shape is?

What is wrong with the children's working out?

Sam

Perimeter = 12 cm

Lulu

$4 \times 2 \text{ cm} = 8 \text{ cm}$

There are 5 squares.
So, perimeter = $5 \times 8 \text{ cm} = 40 \text{ cm}$

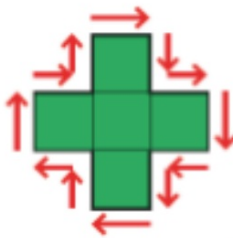
Ruby

$5 \times 2 \text{ cm} = 10 \text{ cm}$

Perimeter = $2 \times 10 \text{ cm} = 20 \text{ cm}$

Let's Learn

- 1 Find the perimeter.



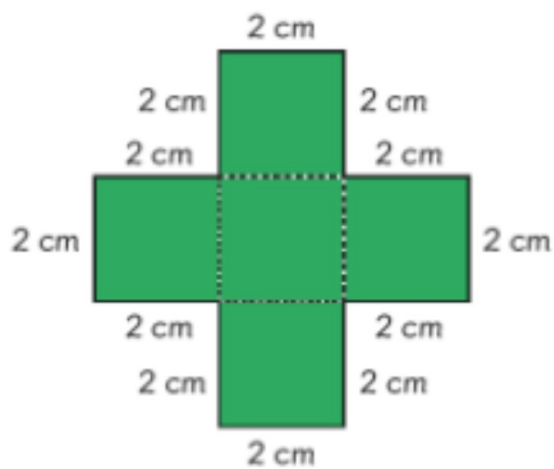
$$\begin{aligned} \text{Perimeter} &= 12 \times 2 \text{ cm} \\ &= 24 \text{ cm} \end{aligned}$$



$$\begin{array}{r} 12 \\ \times 2 \\ \hline 24 \end{array}$$

Sam forgot that  is 2 cm.

2 Find the perimeter.



The dotted lines are not part of the perimeter.

The perimeter is $12 \times 2 \text{ cm} = 24 \text{ cm}$.

3 Find the perimeter.

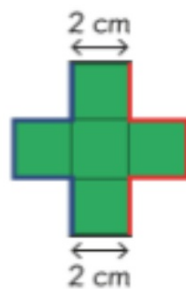
— $5 \times 2 \text{ cm} = 10 \text{ cm}$

— $5 \times 2 \text{ cm} = 10 \text{ cm}$

$2 \times 10 \text{ cm} = 20 \text{ cm}$

This is not yet the perimeter.

The perimeter is $20 \text{ cm} + 4 \text{ cm} = 24 \text{ cm}$.



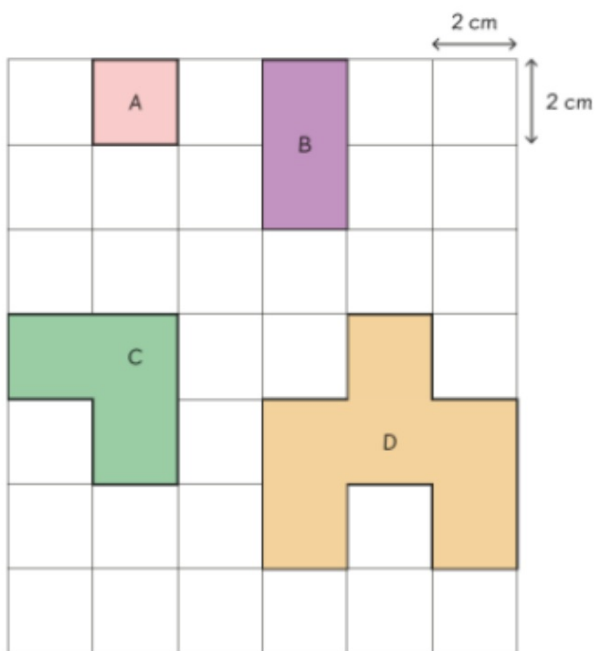
I need to add
4 cm to 20 cm to get
the perimeter.



Watch 'video 1' for the let's learn explanation.

Guided Practice

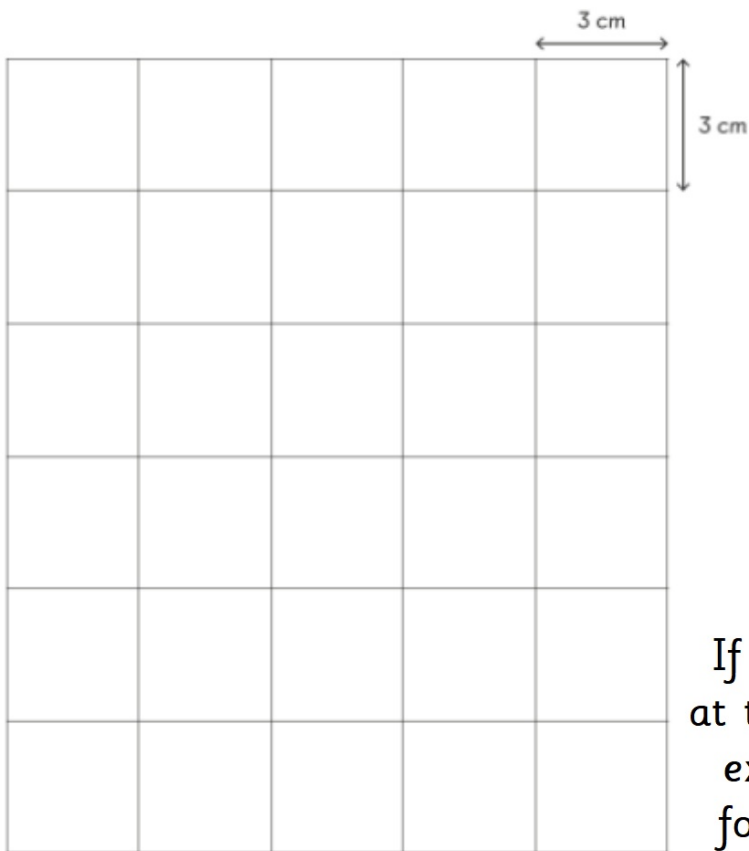
- 1 Find the perimeter of each figure.



- (a) The perimeter of figure A is cm.
- (b) The perimeter of figure B is cm.
- (c) The perimeter of figure C is cm.
- (d) The perimeter of figure D is cm.

👀👀
Watch
'video 2'

2 Draw a figure with a perimeter of 18 cm on the grid.



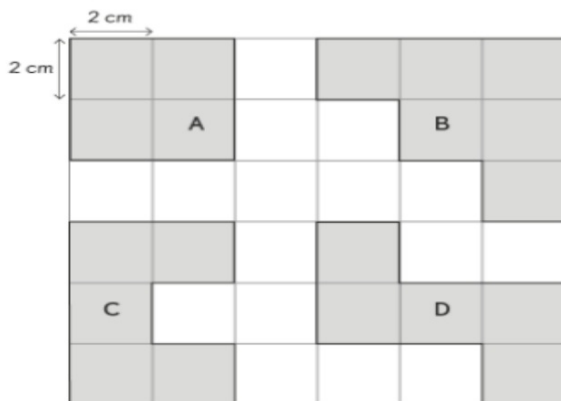
If you are struggling at this point watch the extra support video for some more help.

Complete the worksheets.
If you get stuck watch the
extra support video again.

Worksheet 4

Measuring Perimeter

1 Find the perimeter of each figure.



- (a) The perimeter of figure A = cm
 (b) The perimeter of figure B = cm
 (c) The perimeter of figure C = cm
 (d) The perimeter of figure D = cm

2 Draw a figure with a perimeter of 48 cm on the grid.



You can download these
on the virtual school.