Measuring Perimeter

In Focus

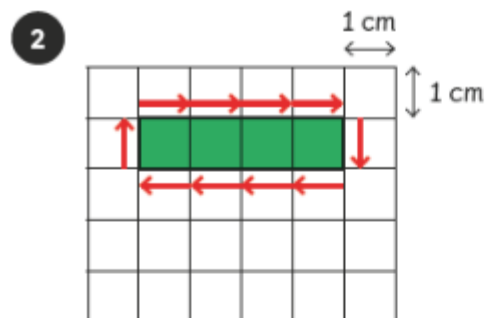Use [ ] [ ] [ ] [ ] to make a figure that fits into the grid.

1 cm
1 cm
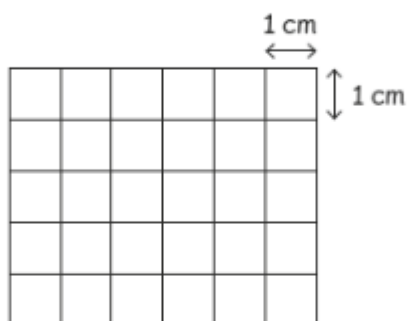
Find the total length around each figure.
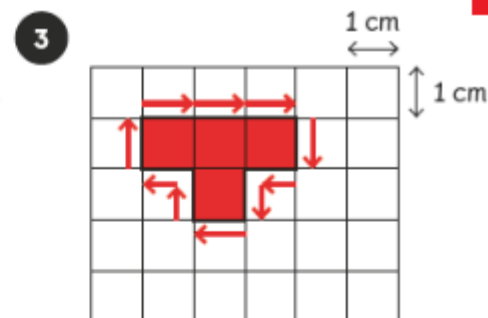
Let's Learn

1

1 cm
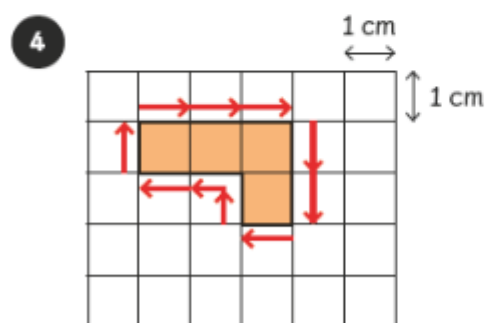1 cm
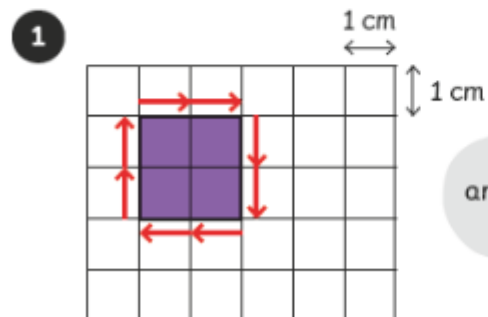
The perimeter of the square is 8 cm.

The total length around a figure is called the **perimeter** of the figure.
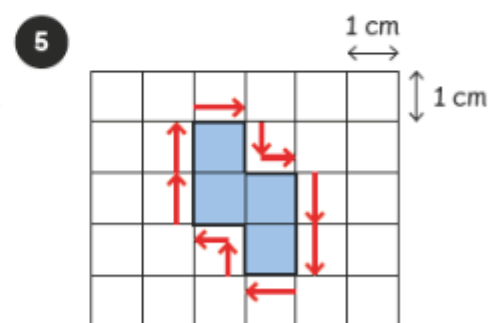
2

1 cm
1 cm

The total length around the rectangle is 10 cm.
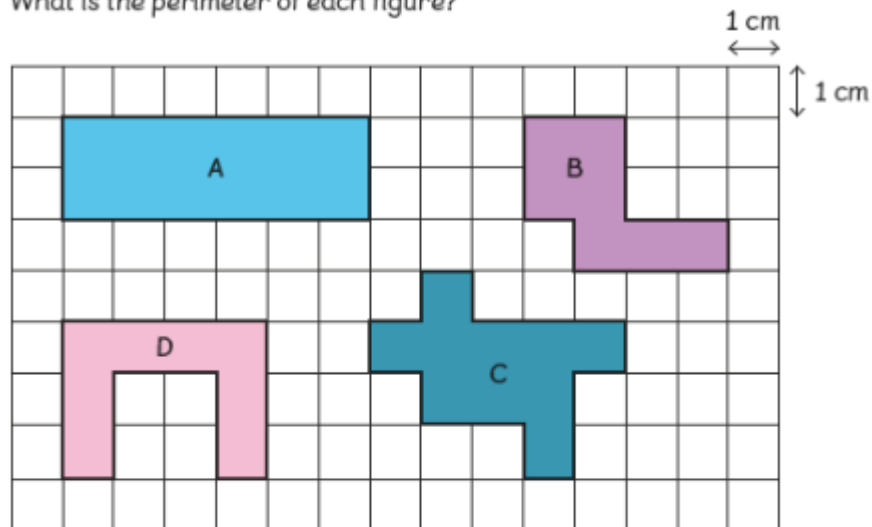The perimeter of the rectangle is 10 cm.

3

1 cm
1 cm

Perimeter = 10 cm

4

1 cm
1 cm

Perimeter = [ ] cm

5

1 cm
1 cm

Perimeter = [ ] cm

Measuring Perimeter

What is the perimeter of each figure?

1 cm

1 cm

In Focus

Four pupils use to make a shape with a perimeter of 10 cm.

Amira

1 cm

1 cm

Ravi

1 cm

1 cm

(a) The perimeter of figure A is ____ cm.

(b) The perimeter of figure B is ____ cm.

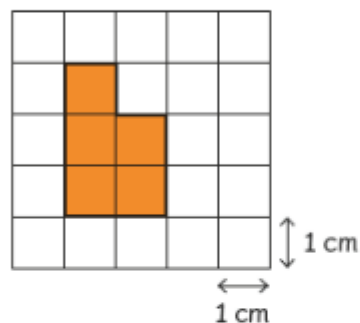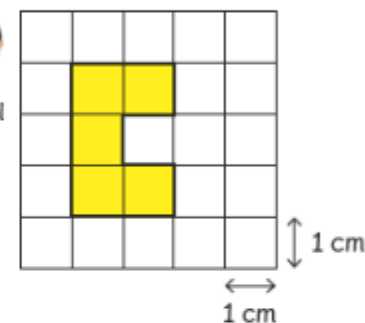(c) The perimeter of figure C is ____ cm.

(d) The perimeter of figure D is ____ cm.

Charles

1 cm

1 cm

Emma

1 cm

1 cm
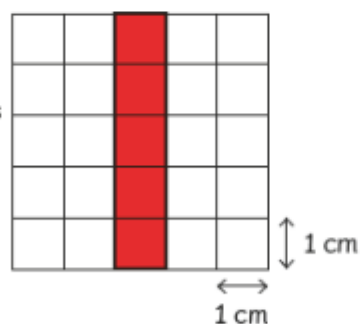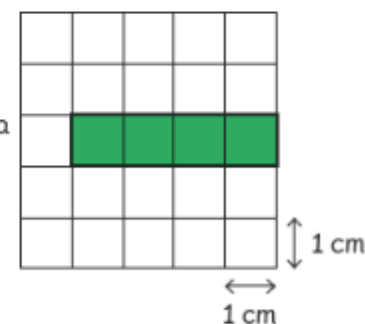
Who is correct?

Let's Learn

1

Perimeter = 10 cm
Amira is correct.

2

Perimeter = 12 cm
The perimeter is not 10 cm.
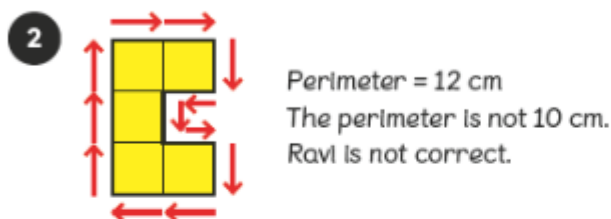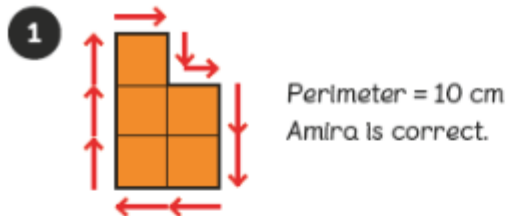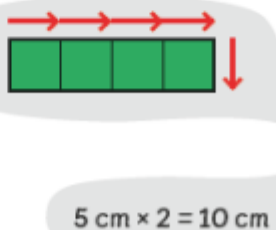Ravi is not correct.

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

3

Perimeter = 12 cm
The perimeter is not 10 cm.
Charles is not correct.

4

The perimeter is 10 cm.
Emma is correct.
However, she uses only 4 ▢.

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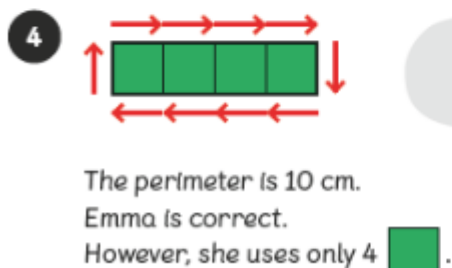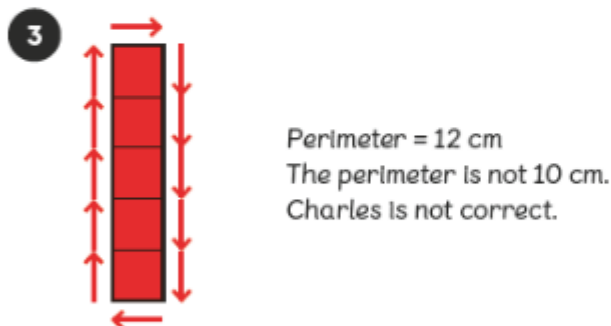
Guided Practice

1 Draw another figure with the same perimeter.

1 cm
1 cm

Perimeter = 12 cm

1 cm
1 cm
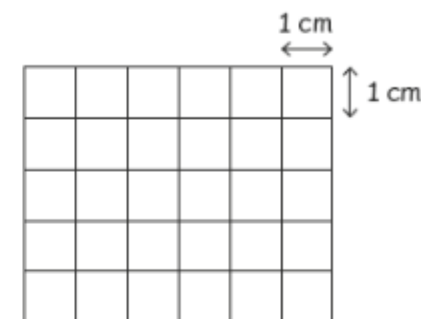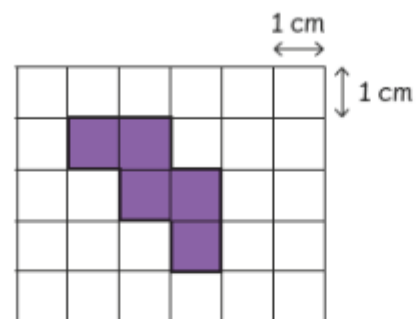
Perimeter = 12 cm

2 Draw 2 different figures, each with a perimeter of 8 cm.

1 cm
1 cm

Perimeter = 8 cm

1 cm
1 cm

Perimeter = 8 cm