PERIMETER - PERIMETER - PERIMETER - PERIMETER - PERIMETER - PERIMETER - PERIMETER

a) Find the **perimeter** of this rectangle tile:

4 cm

7 cm
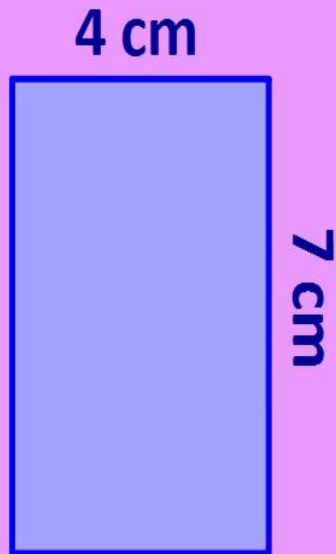
b) What is the **perimeter** when **two of these tiles** are put together?
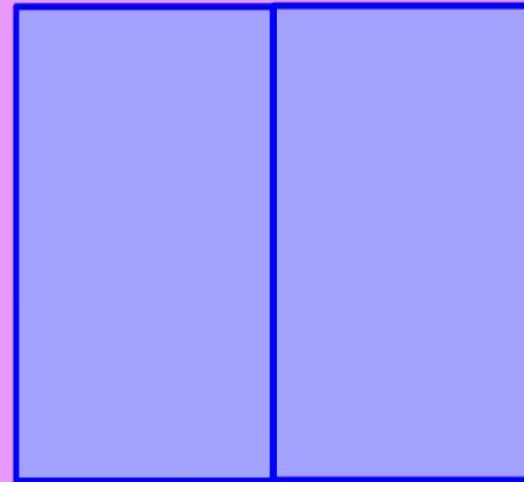
Compound shapes

Made up of more than one rectangle

6cm

4cm

Small rectangle:
Perimeter =

6cm

10cm

Large rectangle:
Perimeter =

Compound shapes

Made up of more than one rectangle

6cm

4cm

**Small rectangle:
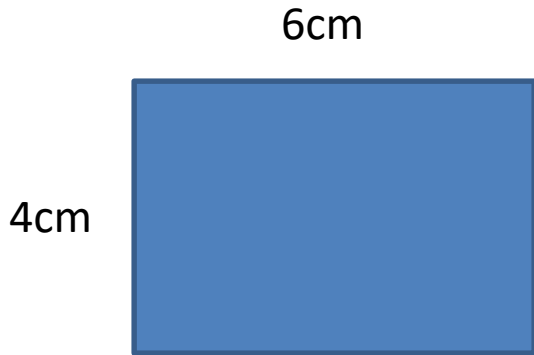Perimeter = 20cm**

6cm

10cm
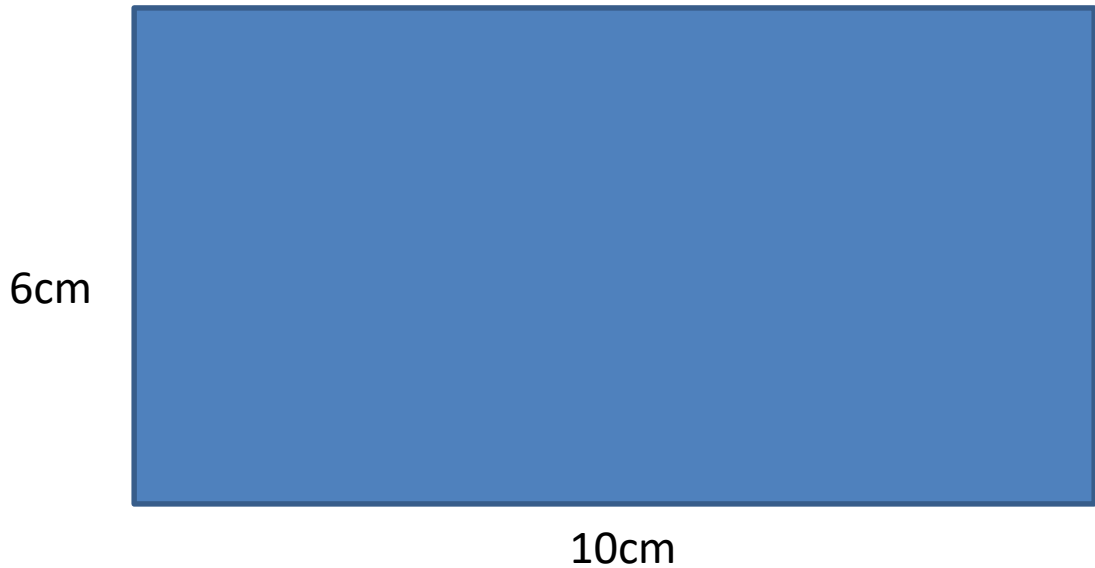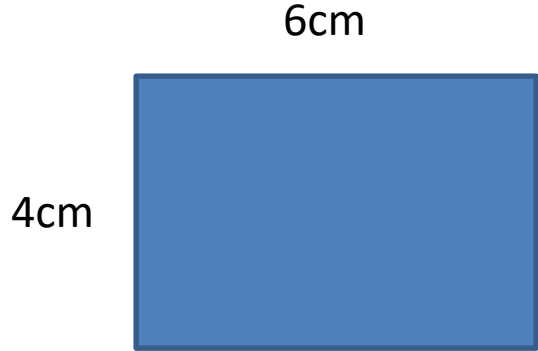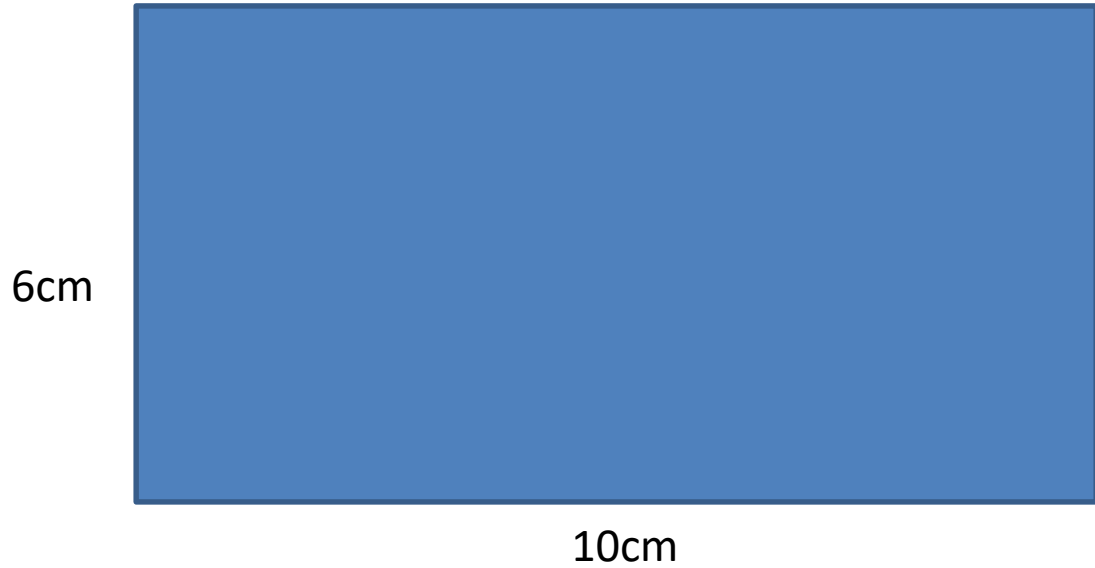
**Large rectangle:
Perimeter = 32cm**

Compound shapes

Made up of more than one rectangle

6cm

4cm

Small rectangle:
Perimeter = 20cm

6cm

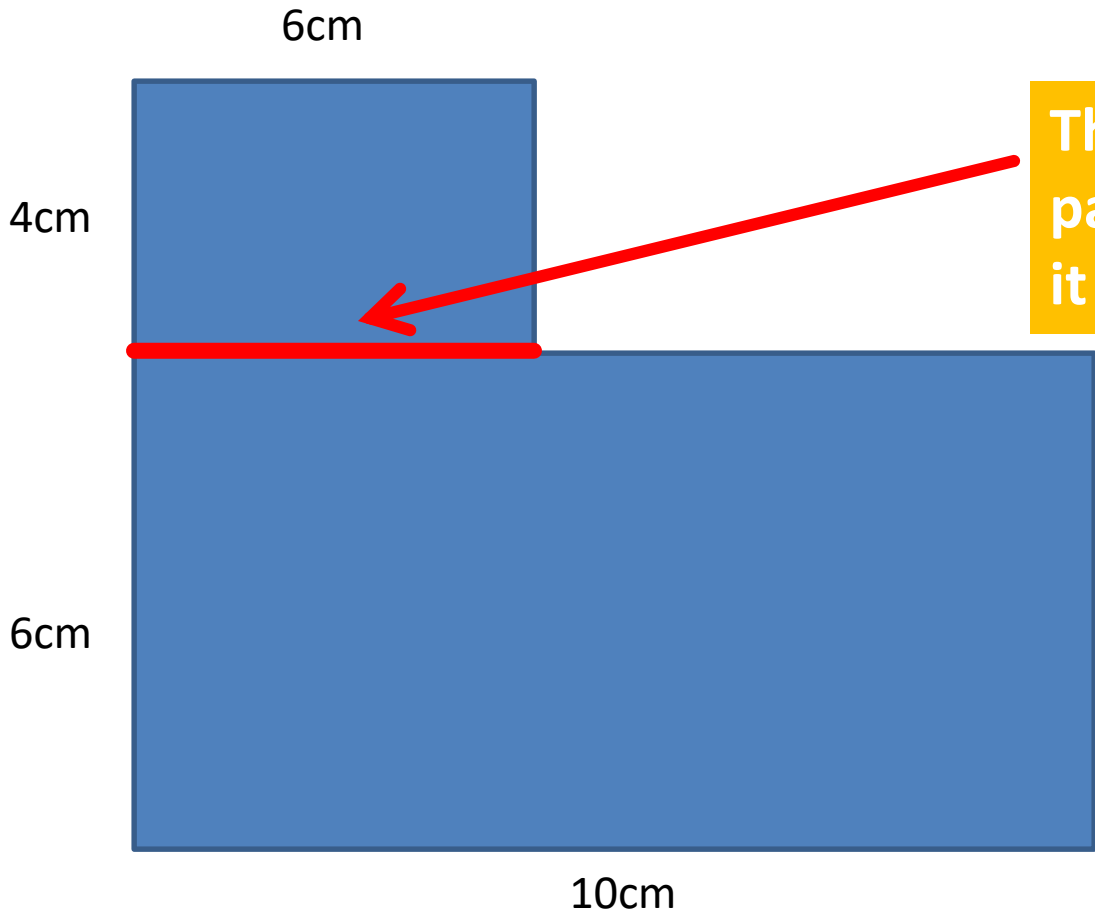10cm

Large rectangle:
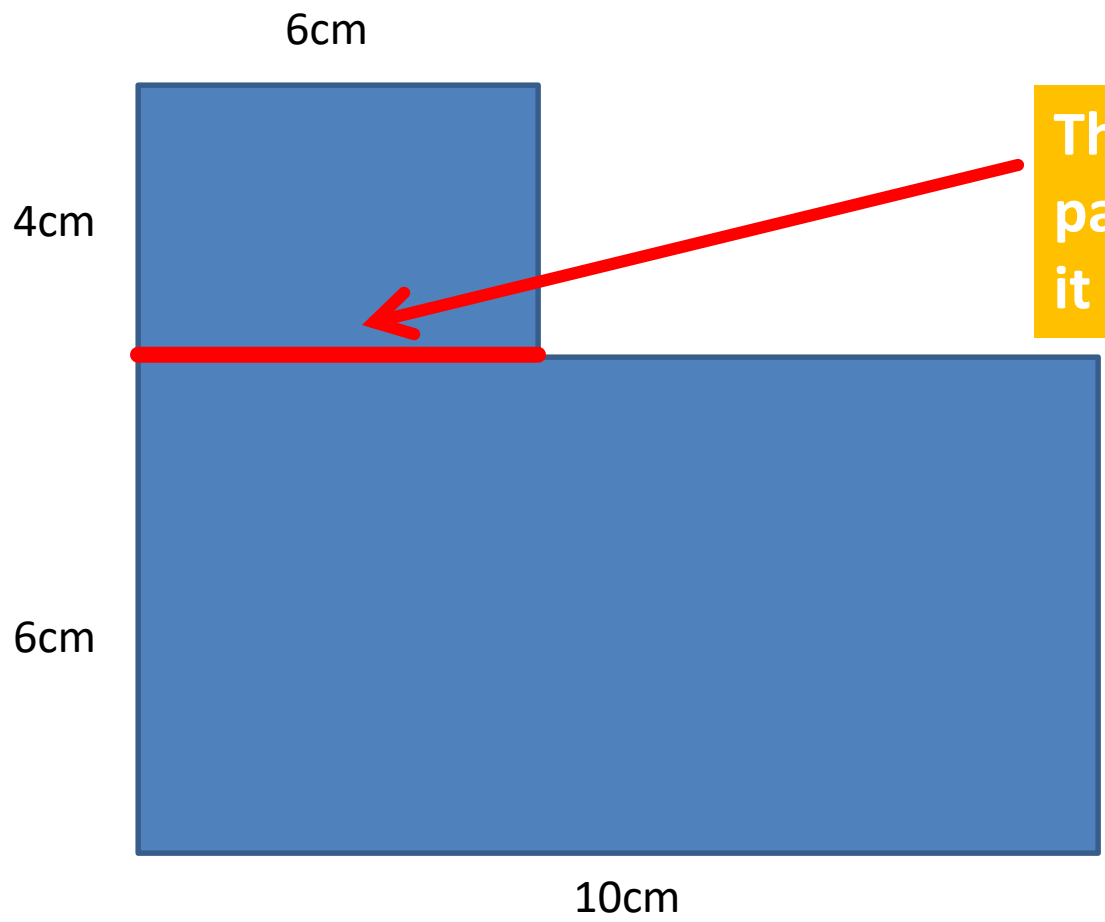Perimeter = 32cm

Compound shapes

6cm

4cm

6cm

10cm

Small rectangle:
Perimeter = ~~20cm~~

Large rectangle:
Perimeter = ~~32cm~~

Compound shapes

6cm

4cm

This red line is no longer part of the perimeter as it is INSIDE the shape.

6cm

10cm

Compound shapes

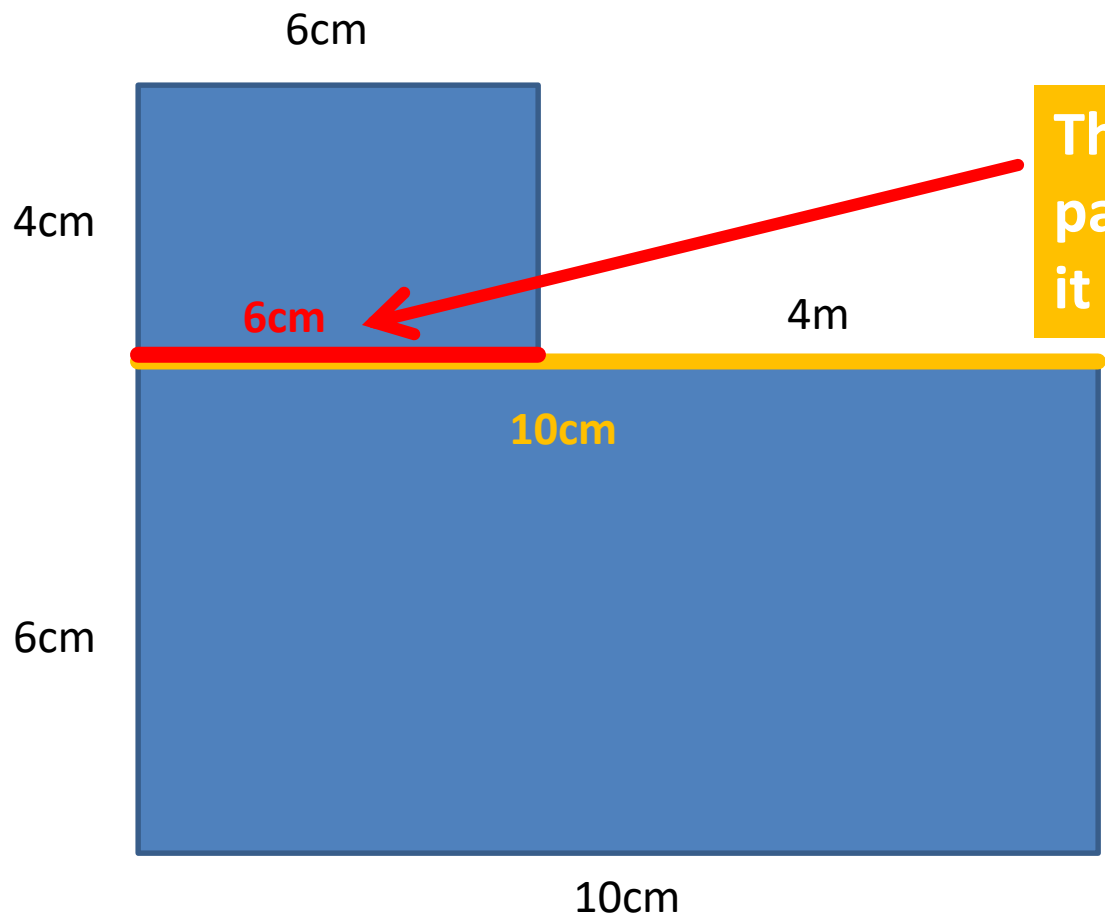Made up of more than one rectangle

6cm

4cm

This red line is no longer part of the perimeter as it is INSIDE the shape.

It was the 6cm of the small rectangle.

6cm
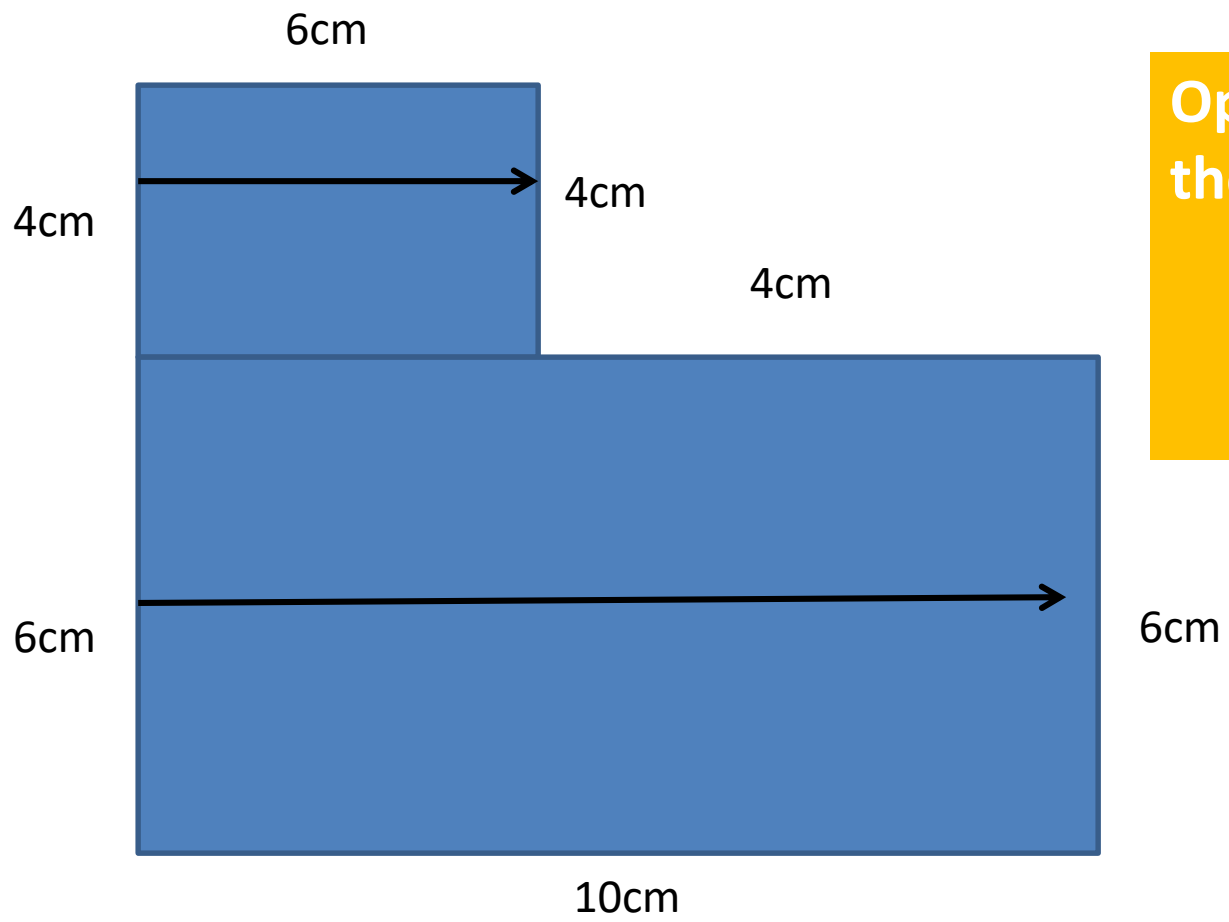
10cm

Compound shapes

Made up of more than one rectangle

6cm

4cm

6cm

This red line is no longer part of the perimeter as it is INSIDE the shape.

4m

10cm

It was the 6cm of the small rectangle.

6cm

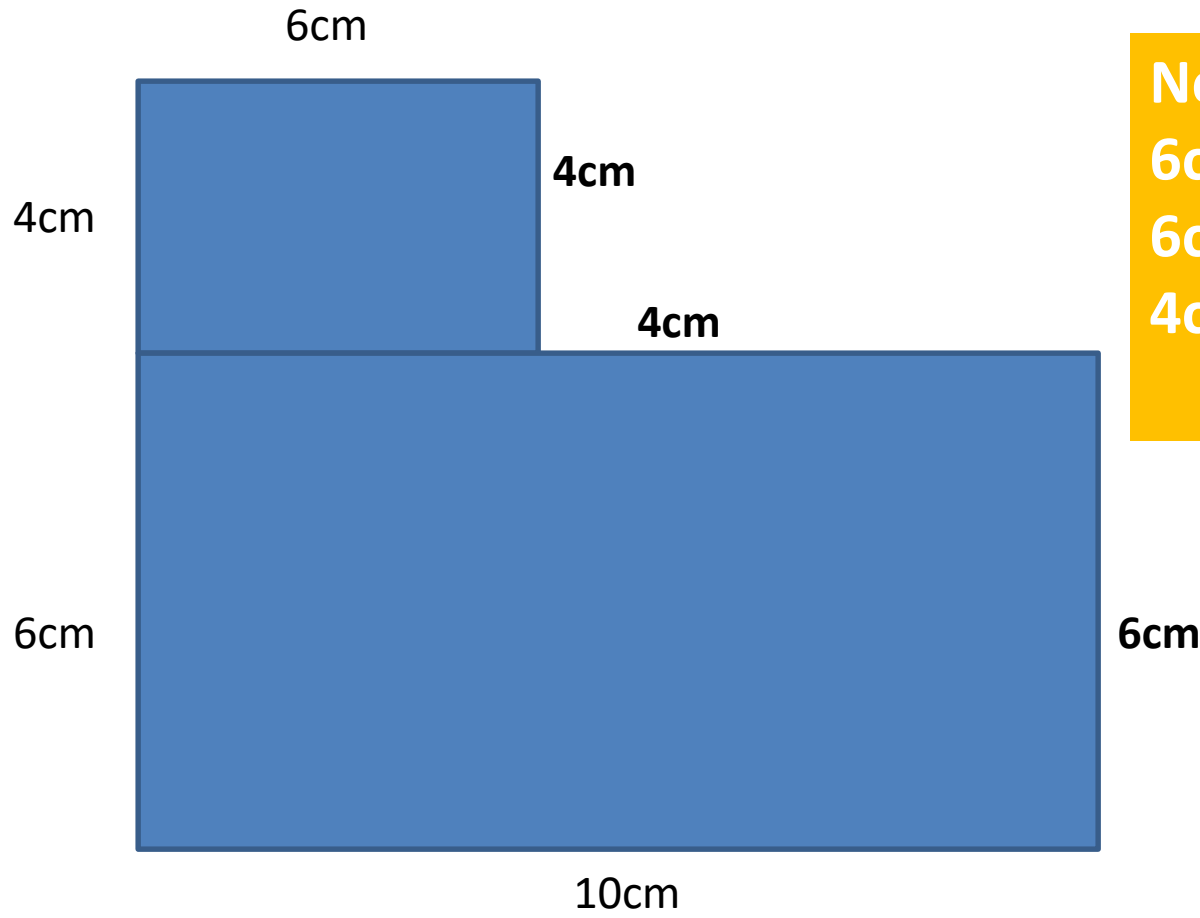But now it is 10cm take away the 6cm that are inside!

10cm

Compound shapes

Made up of more than one rectangle
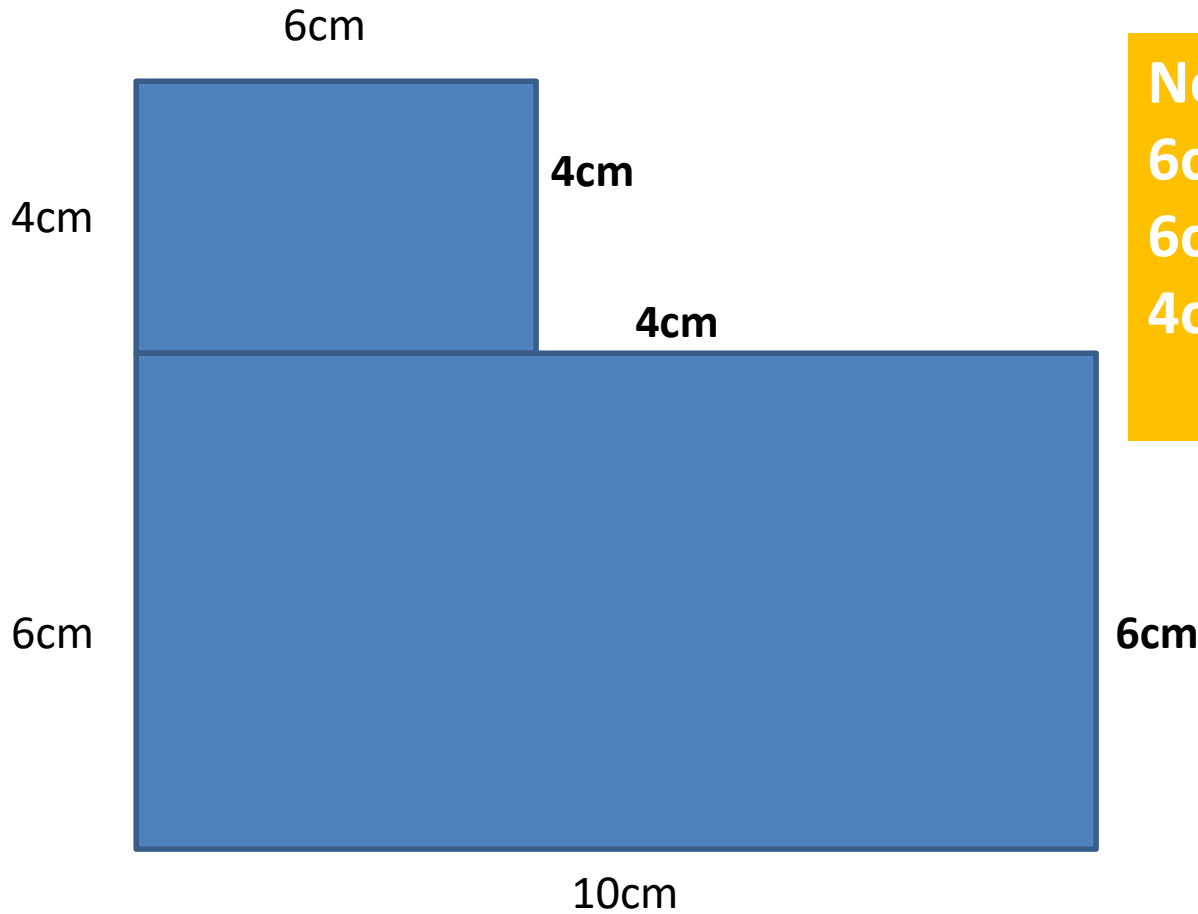
Opposite sides are the same length.

6cm

4cm

4cm

4cm

6cm

6cm

10cm

Compound shapes

6cm

4cm

4cm

4cm

6cm

6cm

10cm

New perimeter =
6cm + 4cm + 4cm +
6cm + 10cm + 6cm +
4cm =

Compound shapes

6cm

4cm

4cm

4cm

6cm

6cm

10cm

New perimeter =
6cm + 4cm + 4cm +
6cm + 10cm + 6cm +
4cm = **40cm**

3cm

9cm

5cm

11cm