

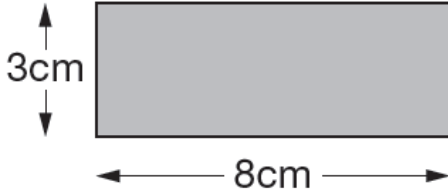
Y6 SATs

Perimeter BOOSTER

Help Code : 035

2013A KS2 Q23

Alfie has some rectangles.



He makes this shape using three of the rectangles.



What is the **perimeter** of Alfie's shape?

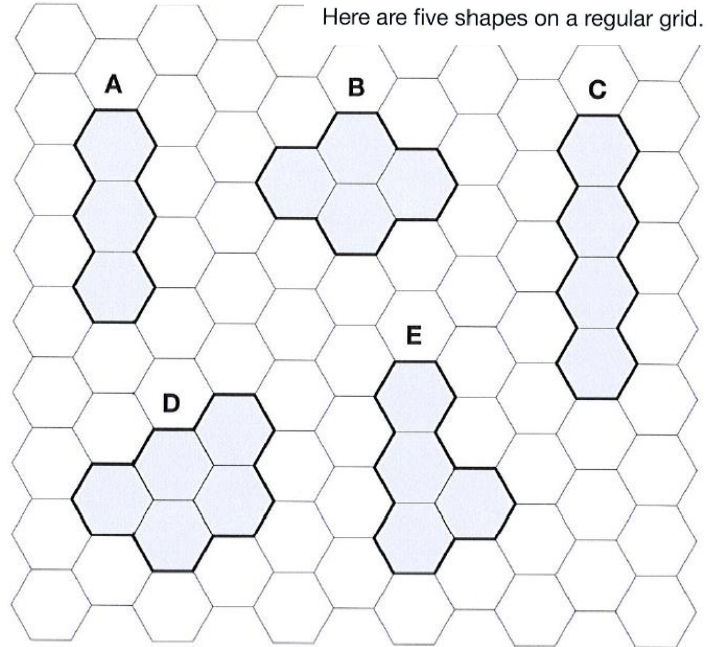
Show your working

cm

2012A KS2 Q13



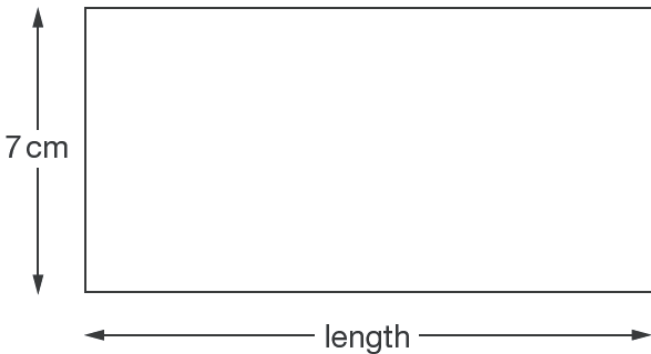
Here are five shapes on a regular grid.



Which shape has the longest **perimeter**?

Which shape has only one **line of symmetry**?

2010A KS2 Q21



The perimeter of this rectangle is 50 centimetres.

Calculate the length of the rectangle.

Show your working. You may get a mark.

cm

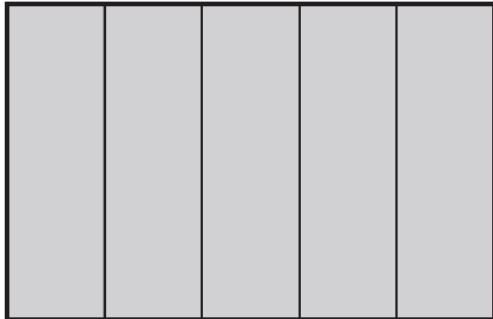
2009A KS2 Q20



Lara has some identical rectangles.

They are 7 centimetres long and 2 centimetres wide.

She uses **five** of her rectangles to make the large rectangle below.



What is the **perimeter** of the large rectangle?

cm

What is the **area** of the large rectangle?

cm²

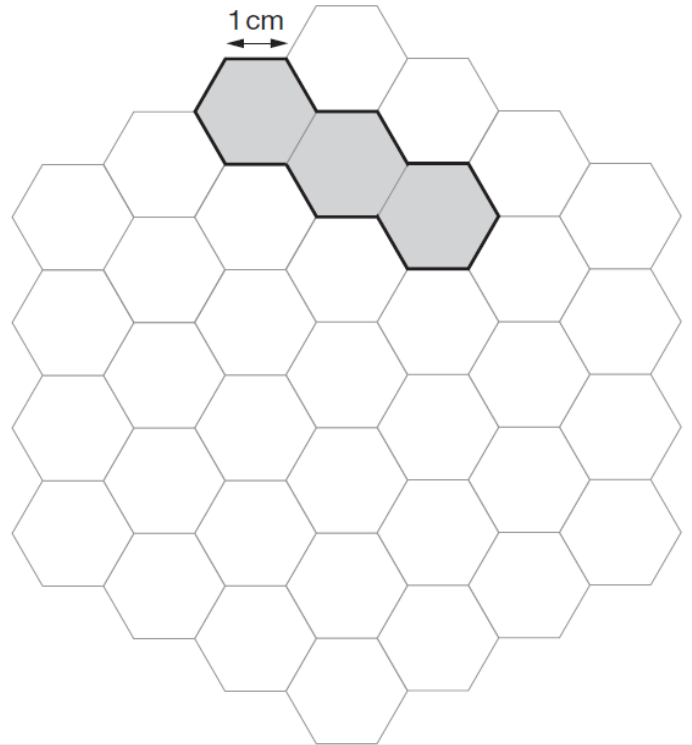
2007A KS2 Q14



Here is a grid of regular hexagons.

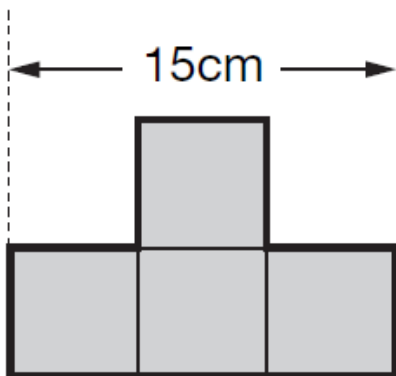
The shaded shape has an area of 3 hexagons and a perimeter of 14 cm.

Draw another shape on the grid which has an **area** of 4 hexagons and a **perimeter** of 14 cm.



2006A KS2 Q19

This shape is made from 4 shaded squares.

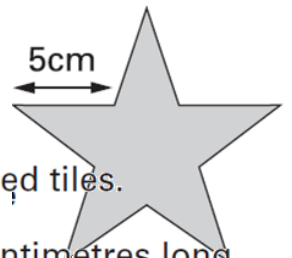


Calculate the perimeter of the shape.

Show your **working**. You may get a mark.

cm

2004A KS2 Q15



Millie has some star-shaped tiles.

Each edge of a tile is 5 centimetres long.

She puts two tiles together to make this shape.

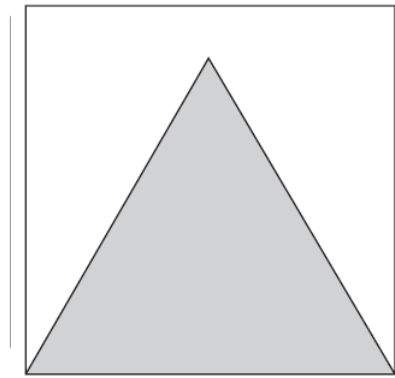


Work out the perimeter of Millie's shape.

cm

2004A KS2 Q25

Here is an equilateral triangle inside a square.



The perimeter of the triangle is 48 centimetres.

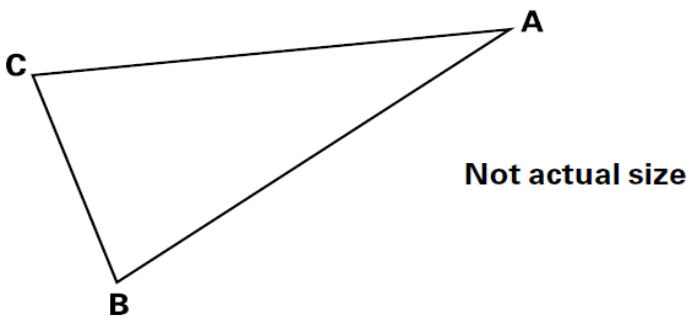
What is the perimeter of the **square**?

Show your **working**. You may get a mark.

2001A KS2 Q21

Triangle **ABC** is isosceles and has a perimeter of 20 centimetres.

Sides **AB** and **AC** are each **twice** as long as **BC**.



Calculate the length of the side **BC**.

Do not use a ruler.

Show your **working**. You may get a mark.

2003A KS2 Q20



An isosceles triangle has a perimeter of 12cm.

One of its sides is 5cm.

What could the length of each of the other two sides be?

Two different answers are possible.

Give **both** answers.

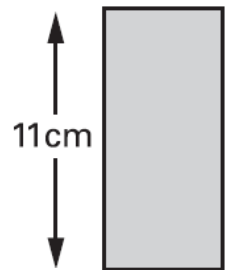
and

and

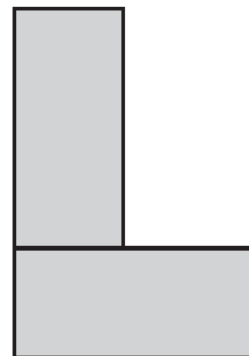
2000A KS2 Q19



Liam has two rectangular tiles like this.



He makes this L shape.



What is the **perimeter** of Liam's L shape?