AREA
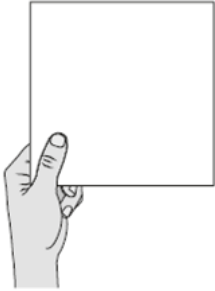
Help Code : 025

20
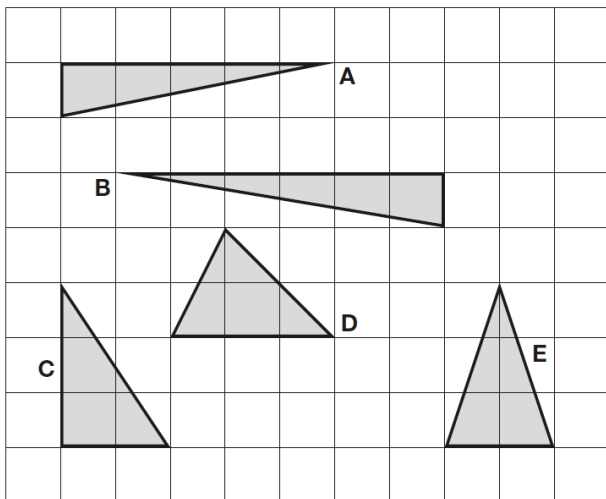
A square tile measures 20 cm by 20 cm.

A rectangular tile is 3 cm **longer** and 2 cm **narrower** than the square tile.

Show your method

What is the **difference in area** between the two tiles?

cm²

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17   Here are five triangles on a square grid.

A

B

D

C

E

Four of the triangles have the same area.

Which triangle has a **different** area?

19   The area of a rugby pitch is 6,108 square metres.

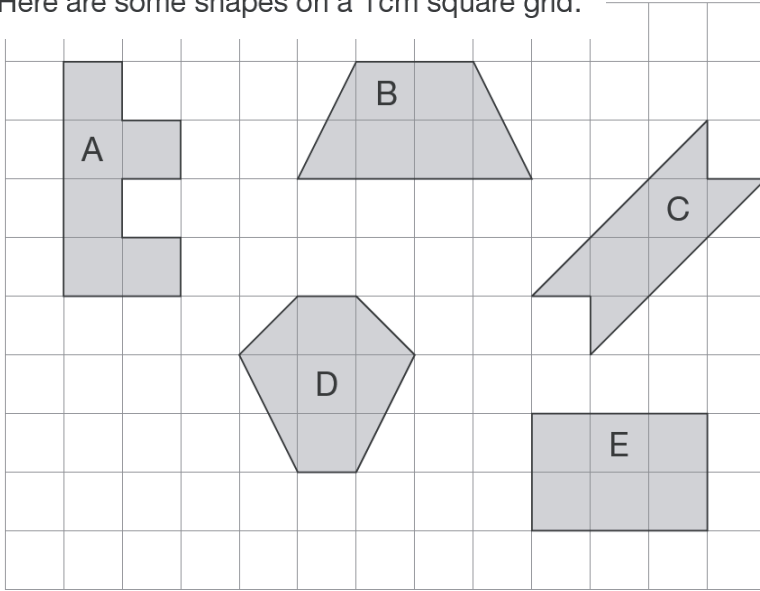A football pitch measures 112 metres long and 82 metres wide.

How much larger is the area of the football pitch than the area of the rugby pitch?

Show your method

square metres

Y6 SATs AREA BOOSTER

2011A KS2 Q13

Here are some shapes on a 1cm square grid.

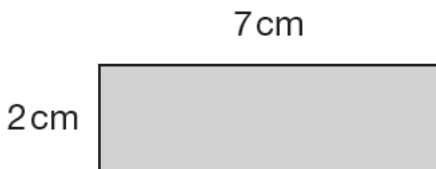Write the letter of the shape that has the **smallest area**.

What is the **perimeter** of shape A?

cm

2009A KS2 Q20

Lara has some identical rectangles.

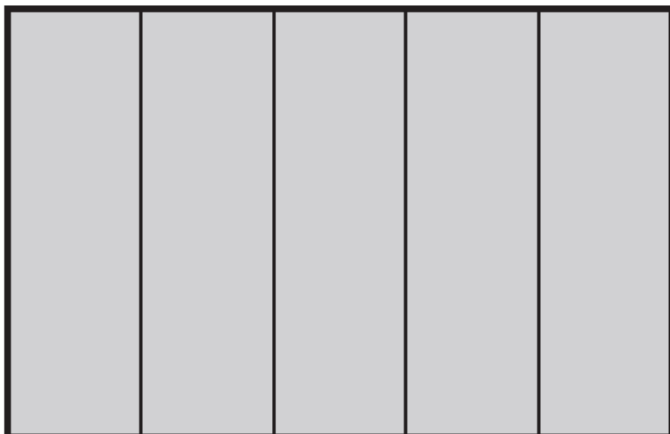They are 7 centimetres long and 2 centimetres wide.

7cm

2cm

Not actual size

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

cm

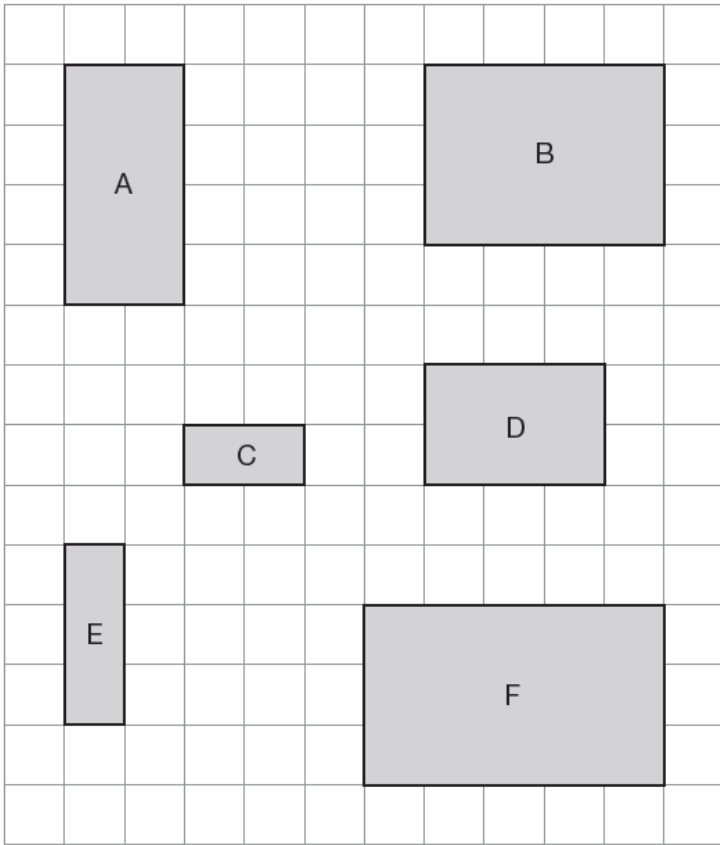She uses **five** of her rectangles to make the large rectangle below.

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

cm^2

Here are six rectangles on a grid.

A

B

C

D

E

F

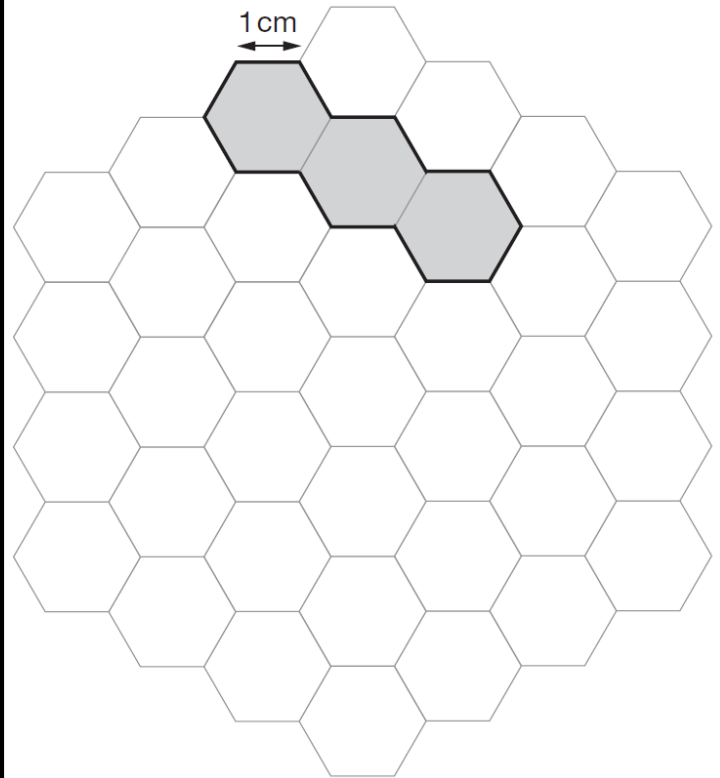Which **two** rectangles fit together, without overlapping, to make a **square**?
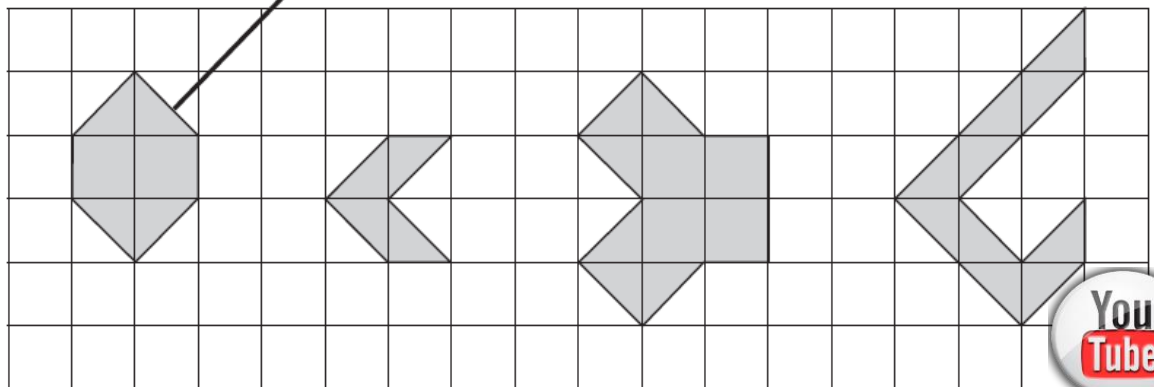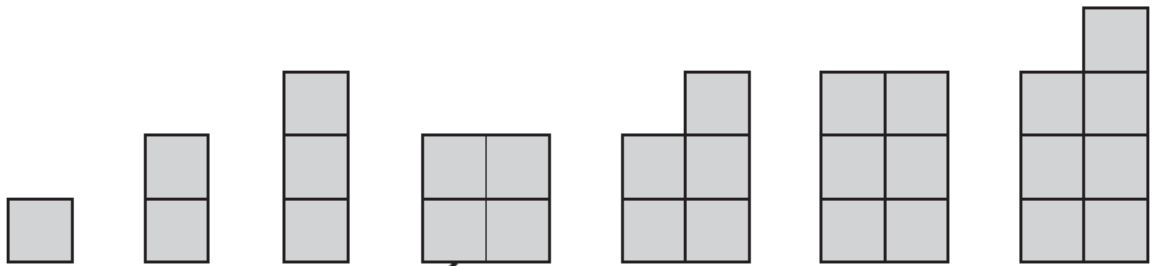
_____ and _____

Here is a grid of regular hexagons.

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

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

1cm

Match each shape on the left to one with **equal area** on the right.

This is a centimetre grid.

Draw **3 more lines** to make a **parallelogram** with an **area** of **10cm²**

Use a ruler.