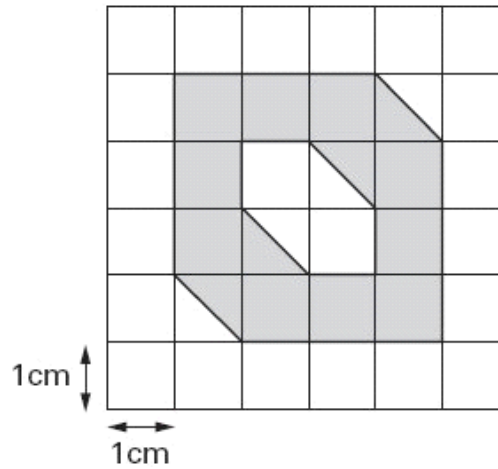


1. Here is a 1cm square grid.

Some of the grid is shaded.



What is the **area** that is shaded?



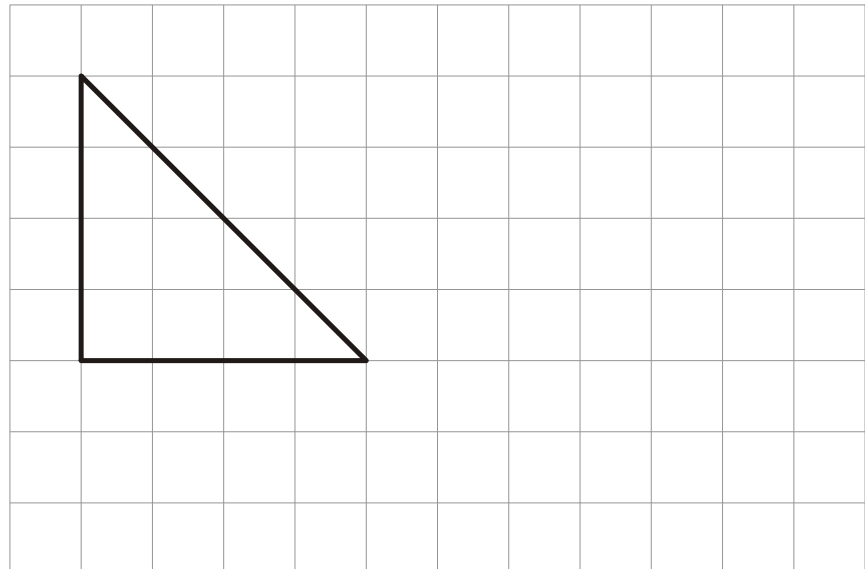
cm²

1 mark

2. Here is a triangle drawn on a square grid.

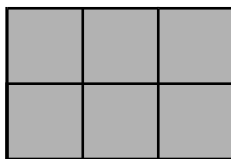
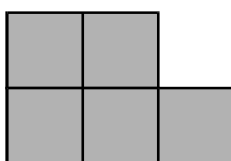
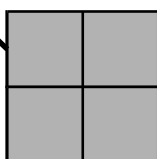
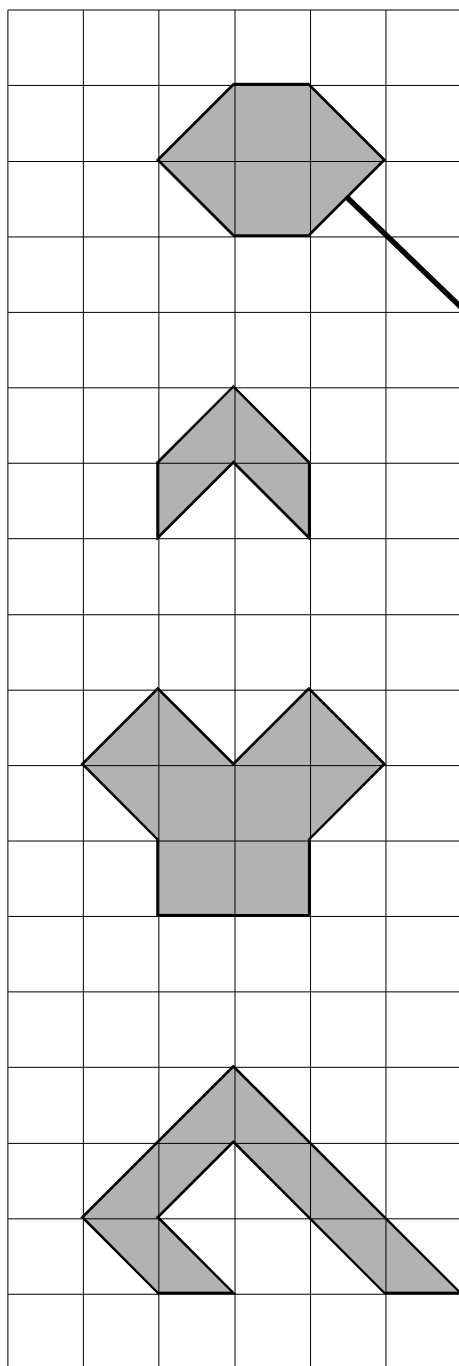
Draw a **rectangle** on the grid with the same area as the triangle.

Use a ruler.



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

One has been done for you.



4. Draw **one line** from each shape to the rectangle which has the **same area**.

One is done for you.



5. Here are some shapes drawn on a grid.

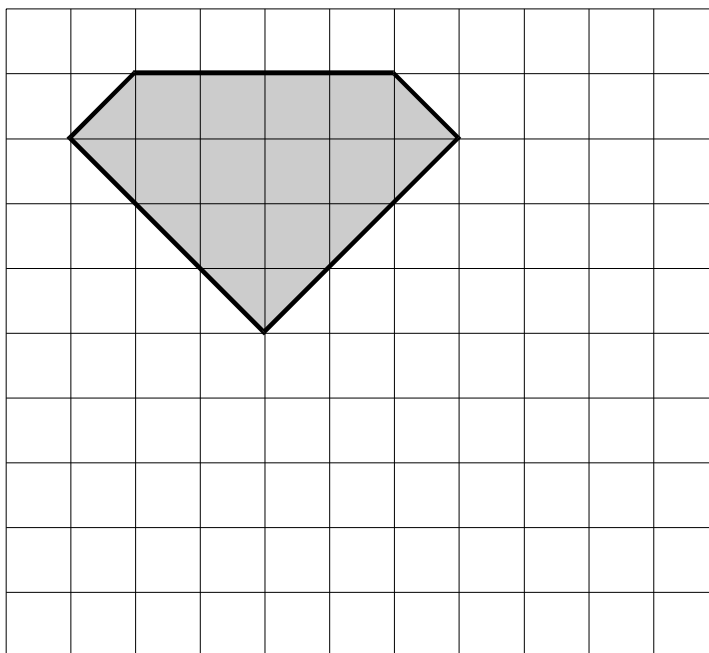
Write the letters of the **two** shapes that are equal in area.



..... and

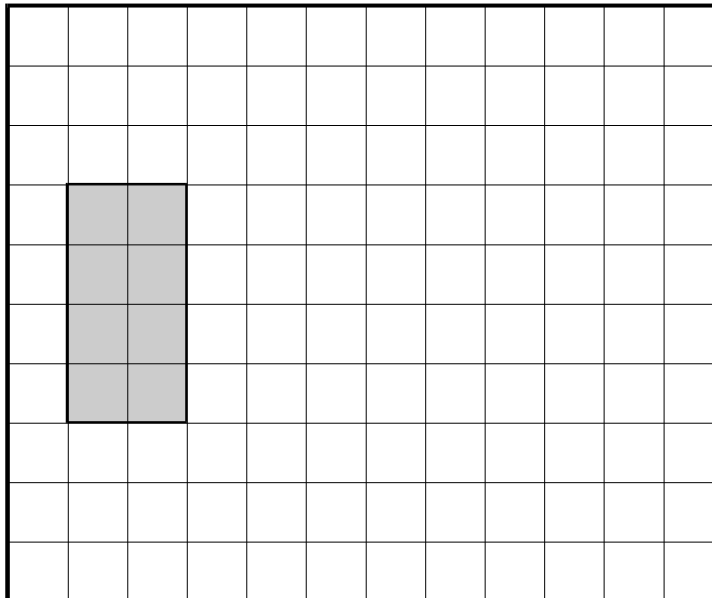
6. On the grid, draw a **rectangle** which has the **same area** as this shaded pentagon.

Use a ruler.



7. On the grid draw a **triangle** with the **same area** as the shaded rectangle.

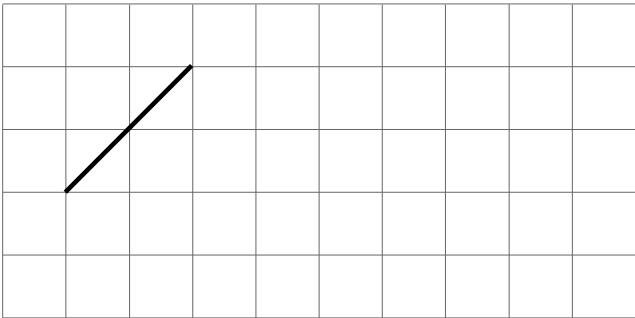
Use a ruler.



8. This is a centimetre grid.

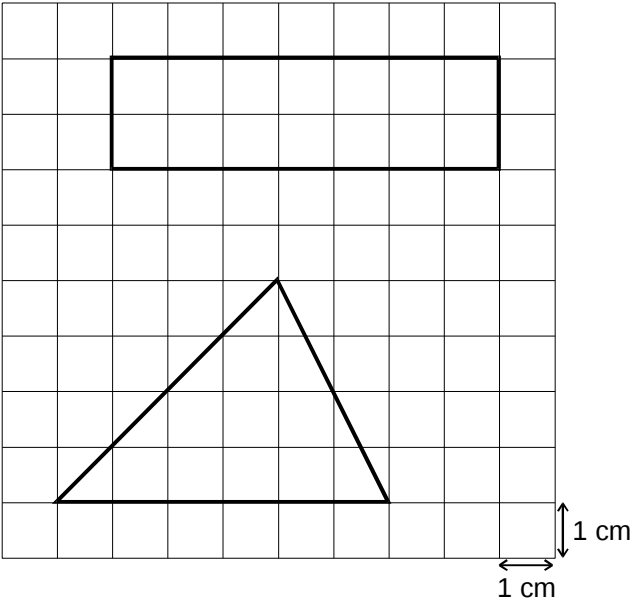
Draw **3 more lines** to make a **parallelogram** with an **area of 10cm²**

Use a ruler.



1 mark

9. Work out the area of each shape.



(a) Rectangle

cm²

1 mark

(b) Triangle

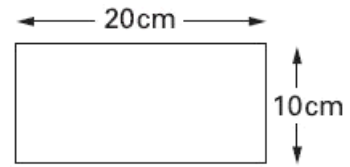
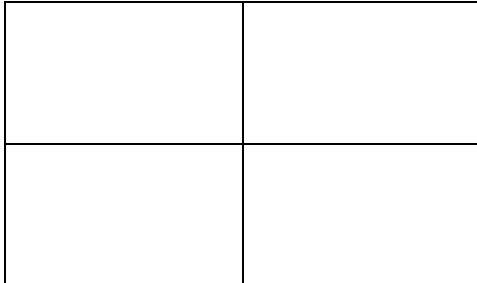
cm²

1 mark

10. Rebecca has rectangular tiles like this.

Not to scale

She makes a larger rectangle using 4 of the tiles.



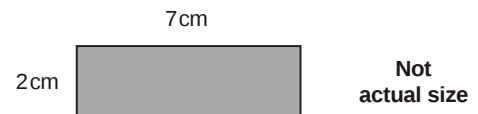
What is the **area** of the larger rectangle?



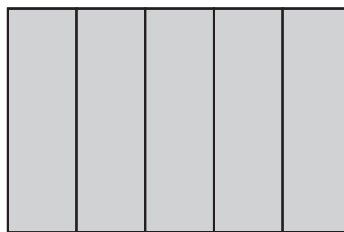
cm²

11. Lara has some identical rectangles.

They are 7 centimetres long and 2 centimetres wide.



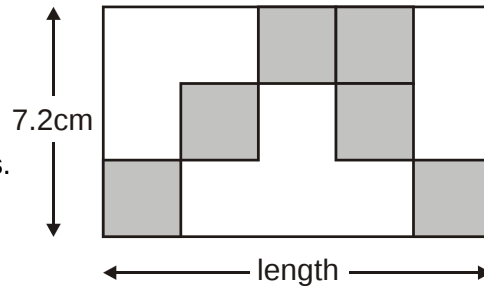
She uses **five** of her rectangles to make the large rectangle below.



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

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

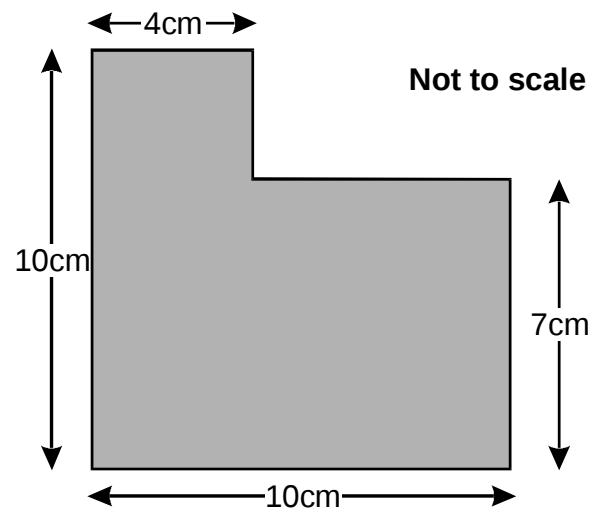
12. Here is a rectangle with
six identical shaded squares inside it.
The width of the rectangle is **7.2 centimetres**.
Calculate the **length** of the rectangle.



Not actual size

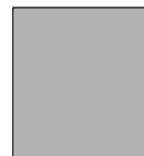


13. What is the **area** of this shape?



14. Mr Jones has two sizes of square paving stones.

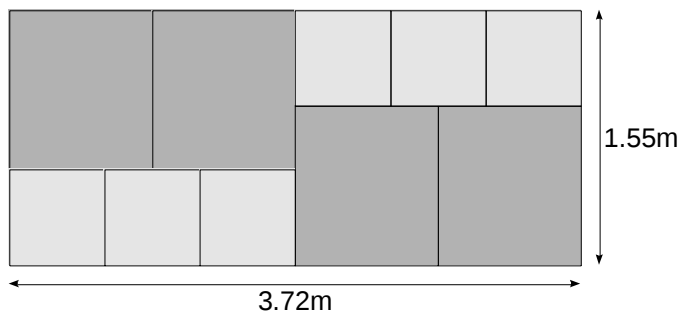
He uses them to make a path.



large



small



The path measures **1.55 metres** by **3.72 metres**.

Calculate the **width** of a **small paving stone**.



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



2 marks