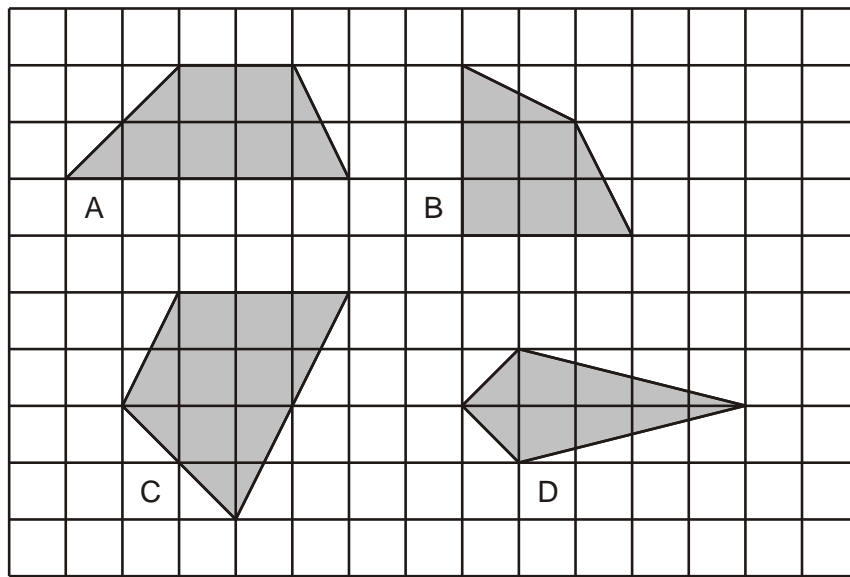



1. Here are some shapes on a grid.



Write the letter of each shape that has one pair of parallel sides.

 .....

1 mark

2. Put ticks (✓) and crosses (✗) on the chart to complete it correctly.

One has been done for you.

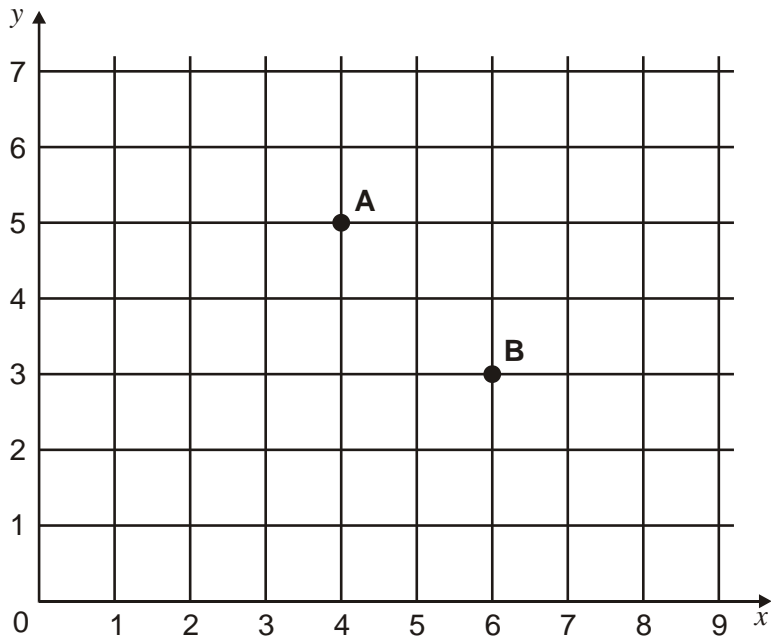


Shape	It is a quadrilateral	It has one or more right angles
	✗	✓

2 marks


3. **A**, **B**, **C** and **D** are the vertices of a rectangle.

**A** and **B** are shown on the grid.



**D** is the point ( 3, 4)

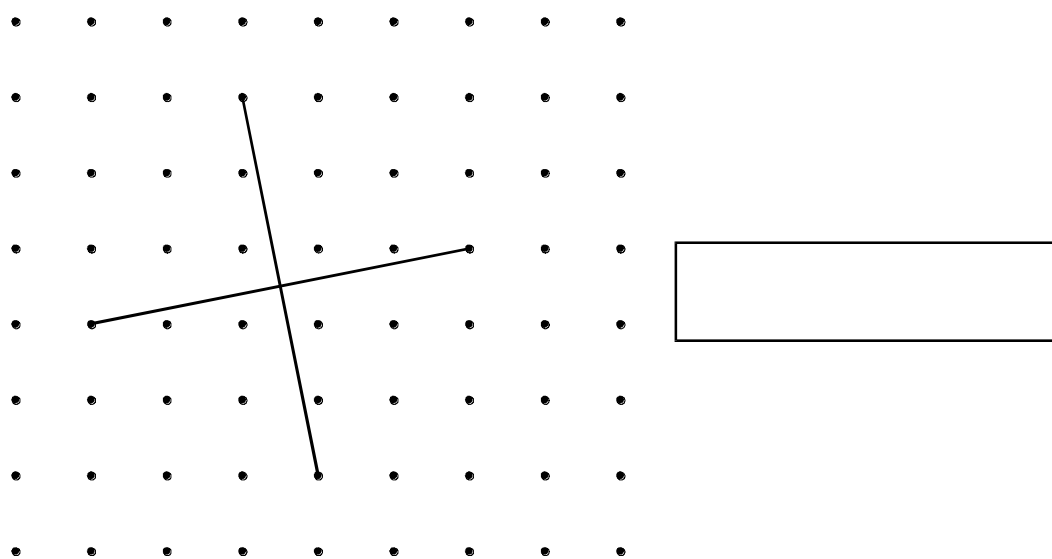
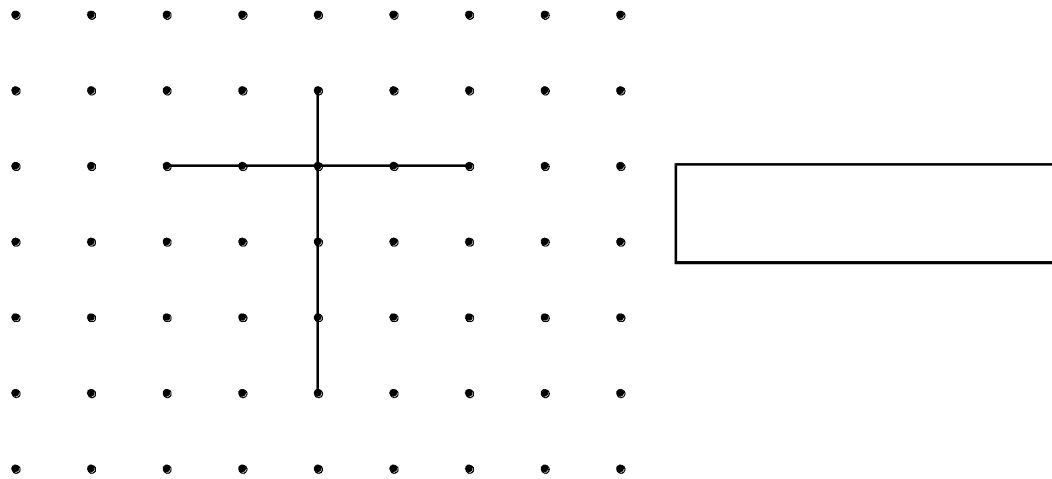
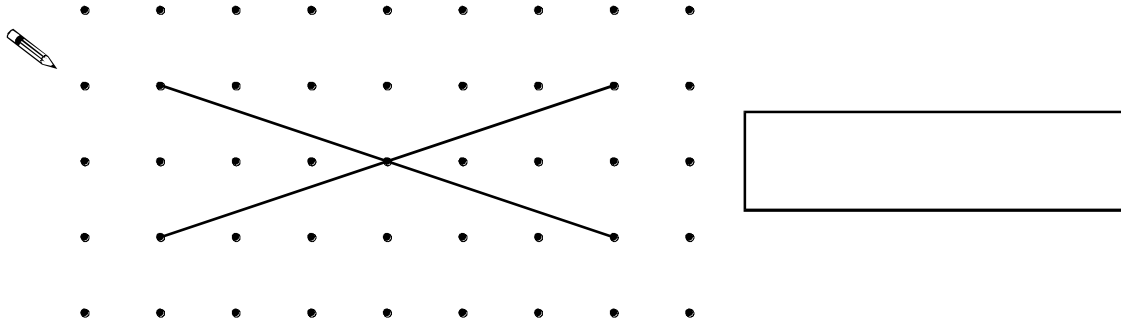
Write the coordinates of point **C**.



1 mark

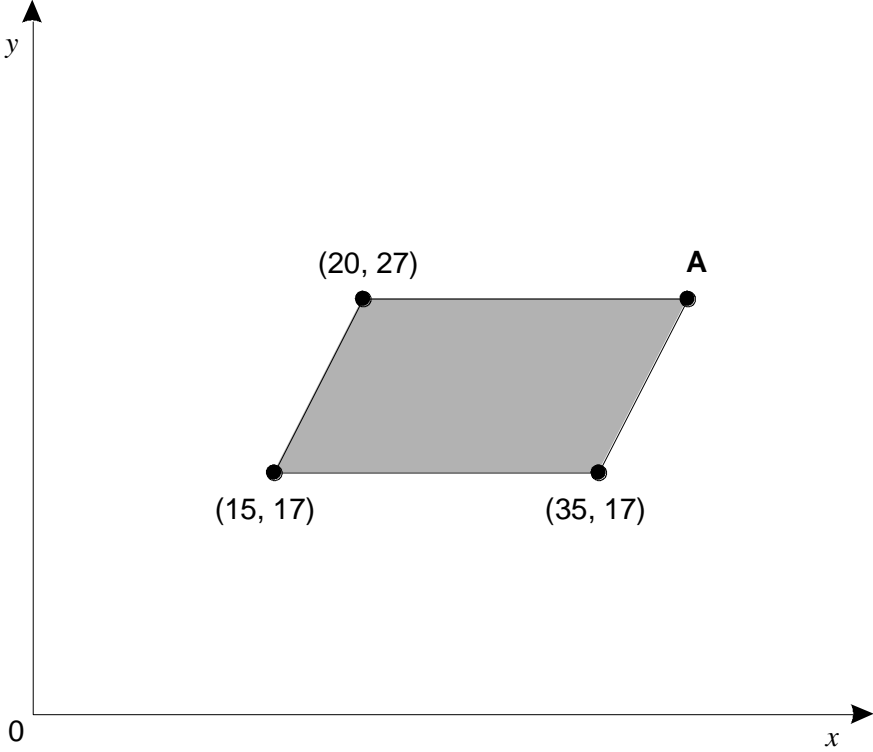
4. These diagrams show the **diagonals** of three **quadrilaterals**.

Write the names of the quadrilaterals in the boxes.

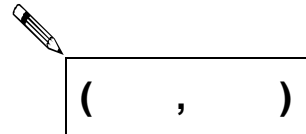


2 marks

5. The shaded shape is a parallelogram.



Write in the coordinates of point **A**.

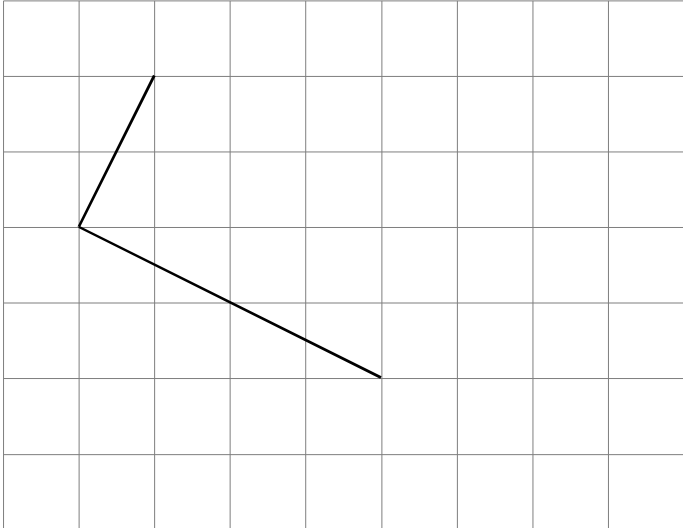


( , )

1 mark

6. Draw **two more straight lines** to make a rectangle.

Use a ruler.



1 mark

7. This is a centimetre grid.

Draw **3 more lines** to make a **parallelogram** with an **area of 10cm<sup>2</sup>**

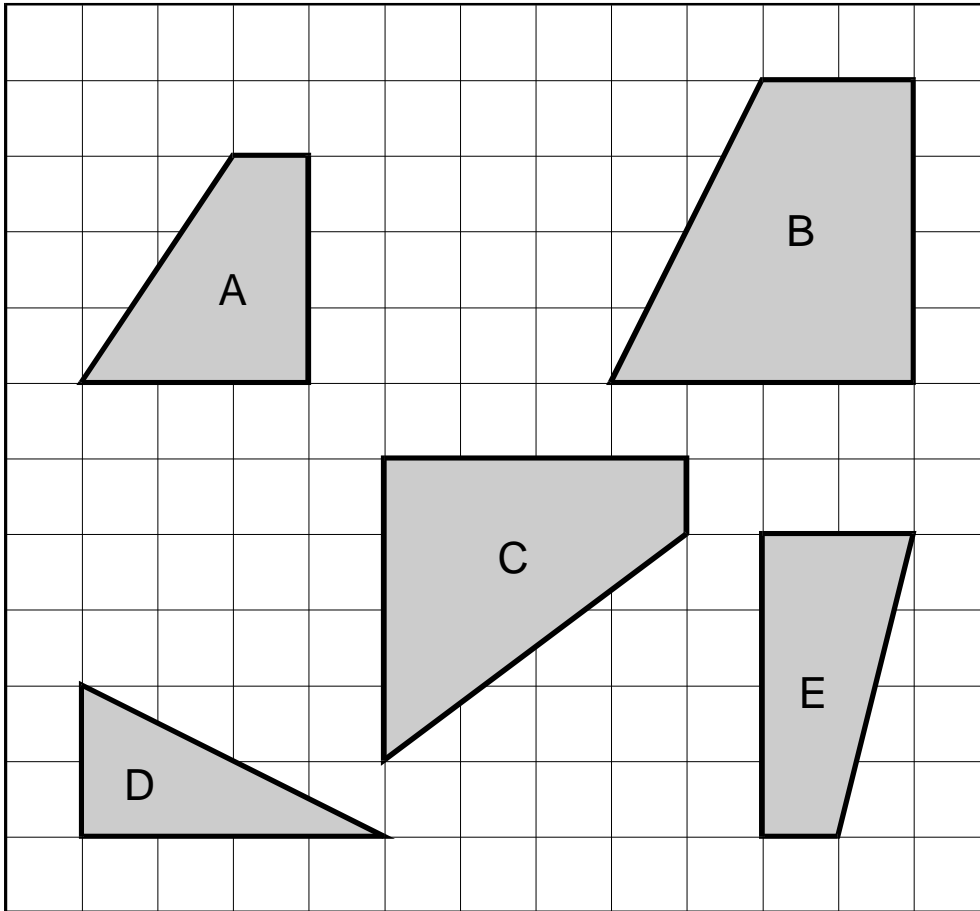
Use a ruler.




1 mark



8. Here are five shapes on a square grid.

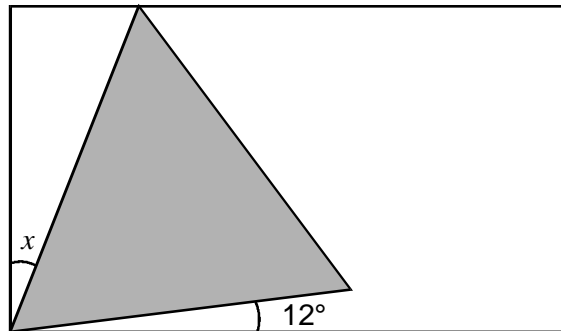


Which **two** shapes fit together to make a **square**?

 ..... and .....

1 mark

9. Here is an **equilateral triangle** inside a **rectangle**.



Not to scale

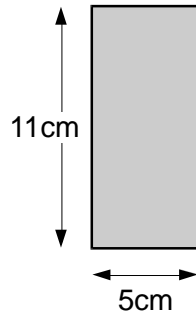
Calculate the value of angle  $x$ .

Do **not** use a protractor (angle measurer).

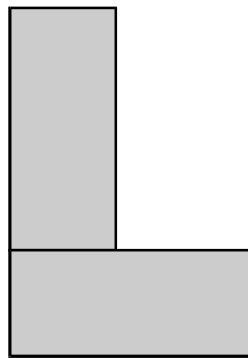
Show your **method**.  
You may get a mark.

2 marks


10. Liam has two rectangular tiles like this.



He makes this L shape.

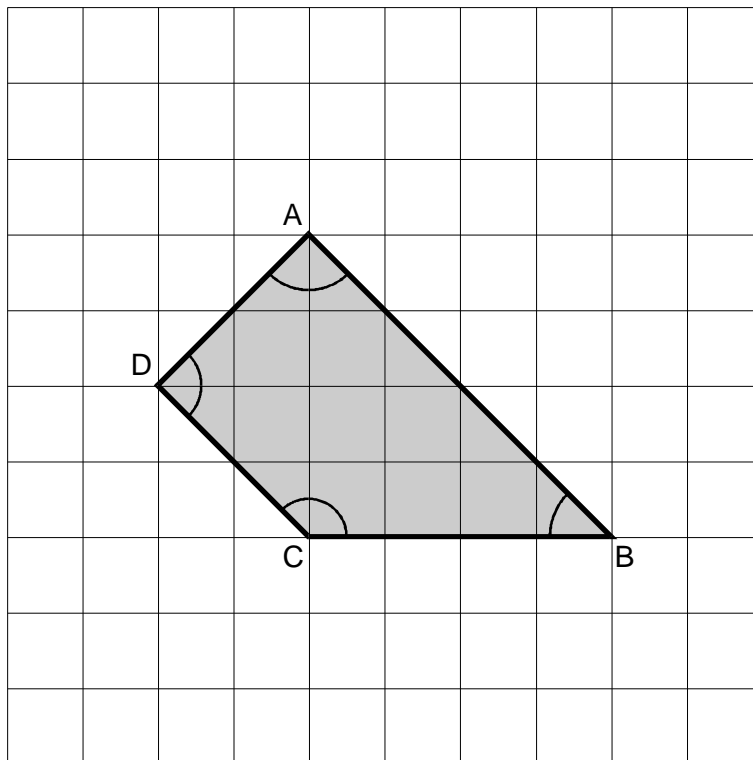


What is the **perimeter** of Liam's L shape?



1 mark

11. Here is a shape on a square grid.



For each sentence, put a tick (✓) if it is true.

Put a cross (✗) if it is not true.



Angle **C** is an **obtuse** angle.

Angle **D** is an **acute** angle.

Line **AD** is **parallel** to line **BC**.

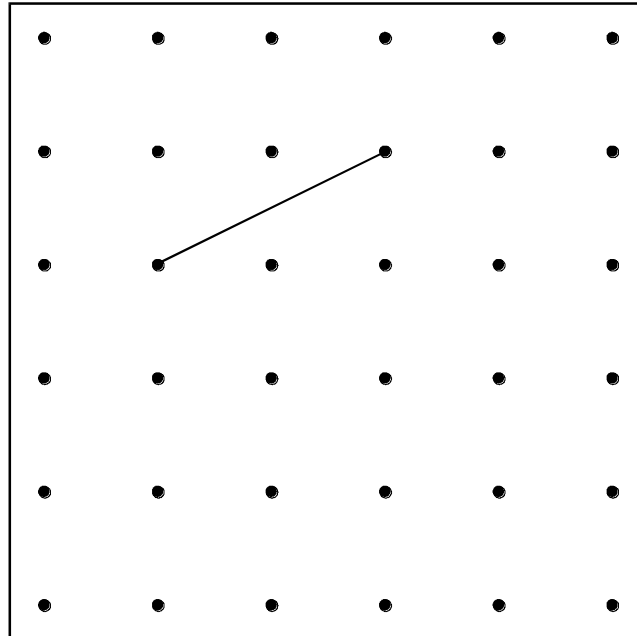
Line **AB** is **perpendicular** to line **AD**.

2 marks

12. The line on the grid is one side of a **square**.

On the grid, draw the **other three sides** of the square.

Use a ruler.



1 mark