



# QUADRILATERALS

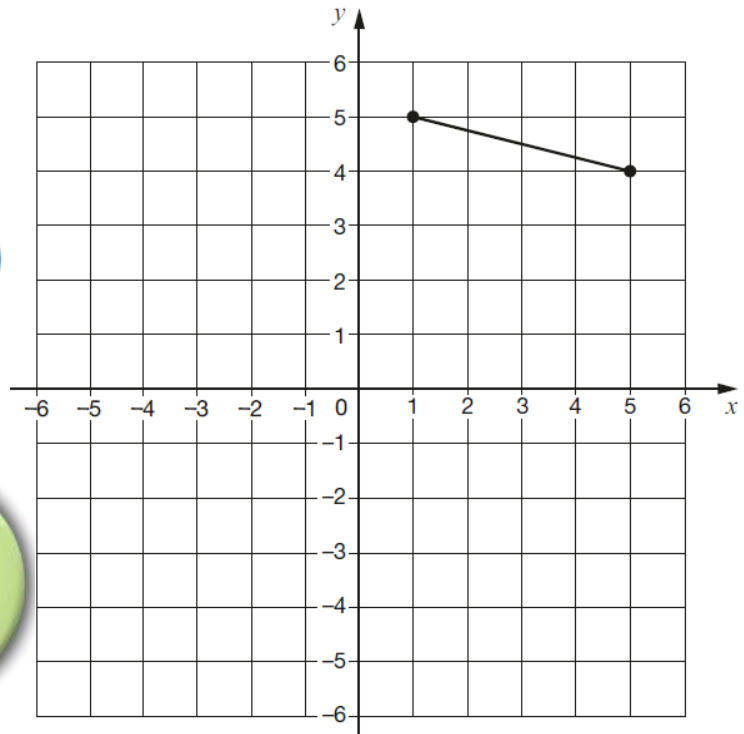
Help Code : 034

17

The vertices of a quadrilateral have these coordinates.

$(1, 5)$        $(5, 4)$        $(1, -3)$        $(-3, 4)$

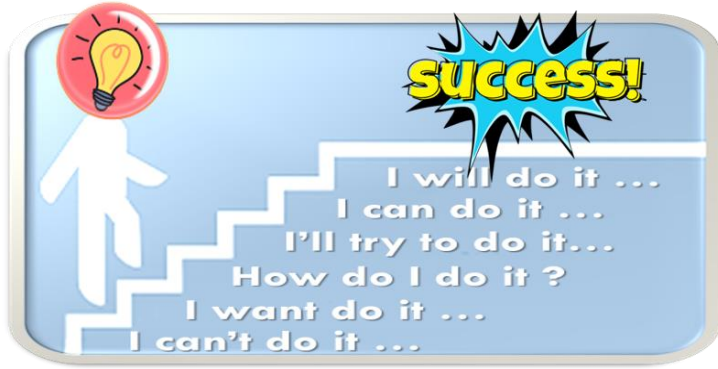
One side of the quadrilateral has been drawn on the grid.



Complete the quadrilateral.

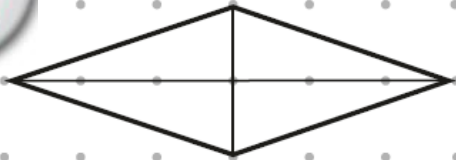
Use a ruler.



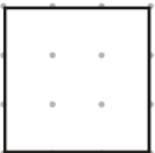
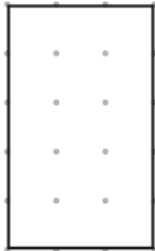
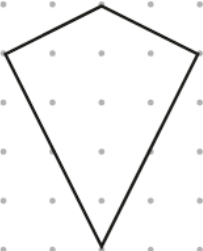


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The diagonals of this quadrilateral cross at right angles.



Tick **all** the quadrilaterals that have diagonals which cross at right angles.



15

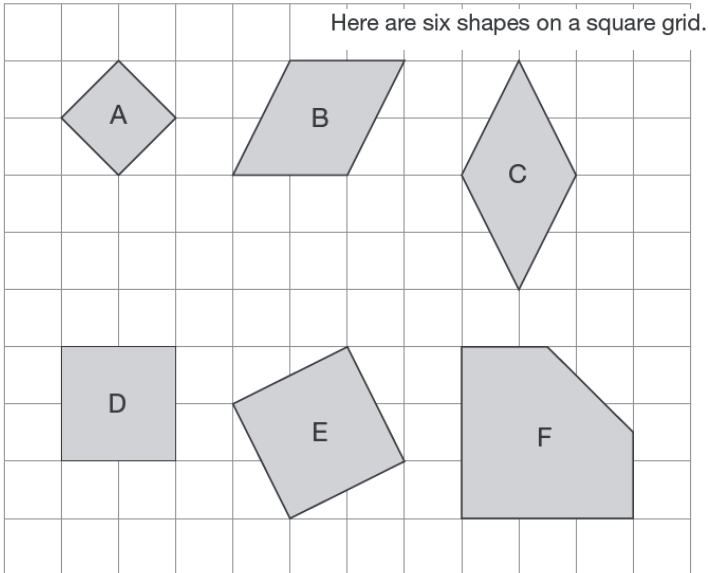
Join dots on the grid to make a quadrilateral that has 3 acute angles.



# Y6 SATs

# Quadrilaterals BOOSTER

2011A KS2 Q5



Write the letters of **all** the shapes that are squares.

\_\_\_\_\_

2008A KS2 Q7



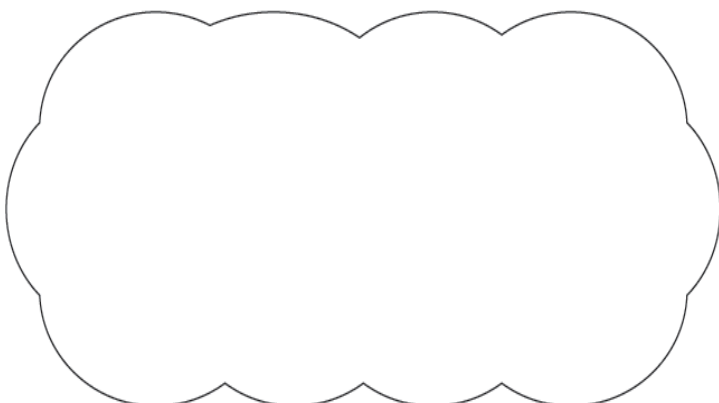
A square always has four sides.

Is it true that a four-sided shape is **always** a square?

Circle **Yes** or **No**.

Yes / No

Explain how you know.



2009A KS2 Q13



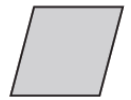
Here are six quadrilaterals with their mathematical names.



square



parallelogram



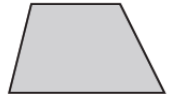
rhombus



oblong



kite



trapezium

Lara chooses one of the quadrilaterals.

She says,

***'It has two acute angles.***

***All four sides are the same length'.***

Which quadrilateral did Lara choose?

\_\_\_\_\_

Stefan chooses one of the quadrilaterals.

He says,

***'It has more than one obtuse angle.***

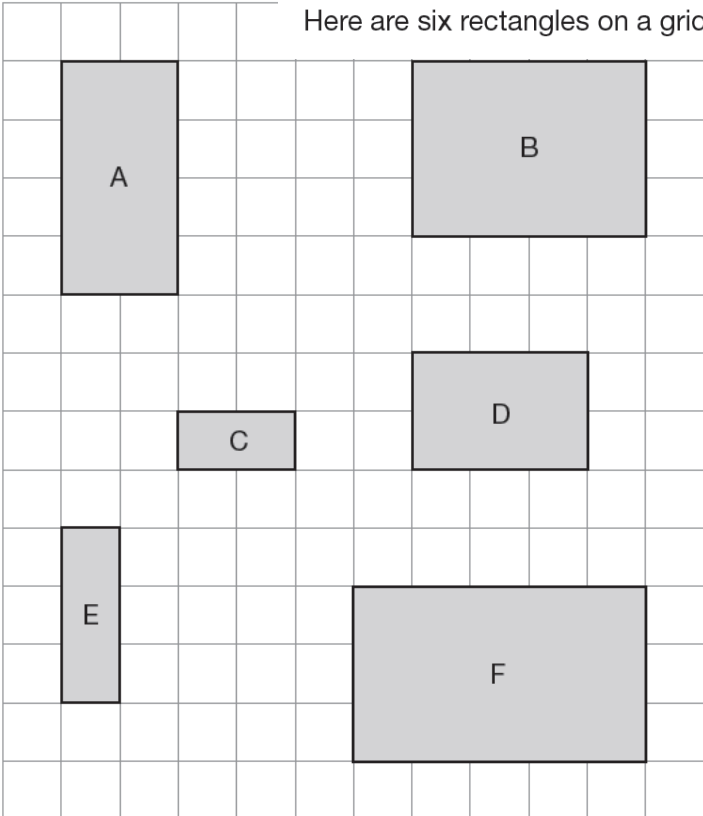
***It has no parallel sides'.***

Which quadrilateral did Stefan choose?

\_\_\_\_\_



Here are six rectangles on a grid.



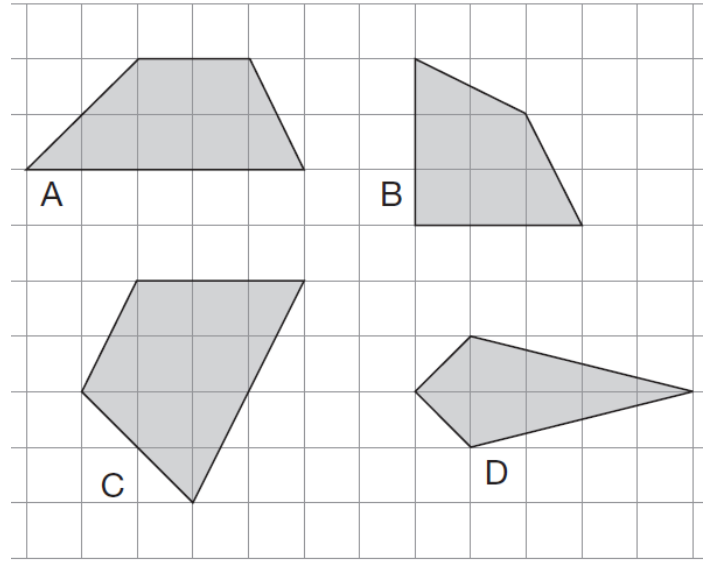
Which **two** rectangles fit together, without overlapping, to make a **square**?



\_\_\_\_\_ and \_\_\_\_\_



Here are some shapes on a grid.



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

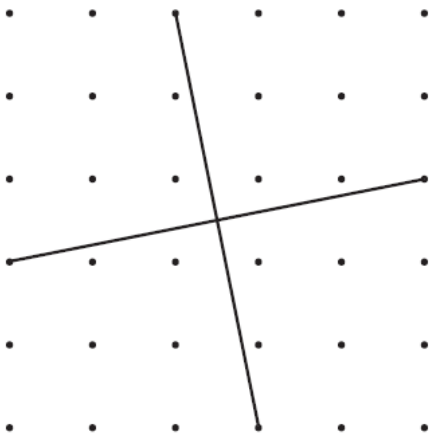


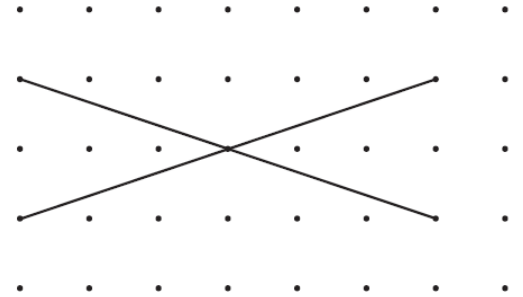
\_\_\_\_\_

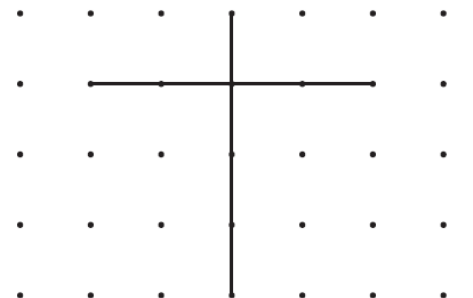
These diagrams show the **diagonals** of three **quadrilaterals**.



Write the names of the quadrilaterals in the boxes.





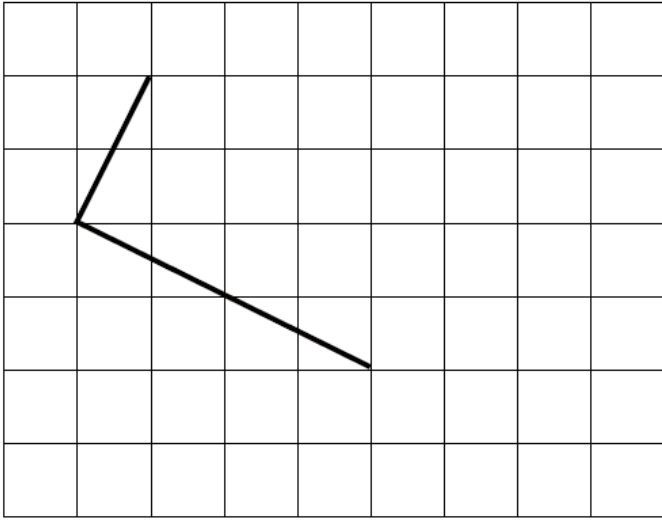


2001A KS2 Q6



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

Use a ruler.



2001A KS2 Q25



This is a centimetre grid.

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

Use a ruler.

