



Help Code : 040

6

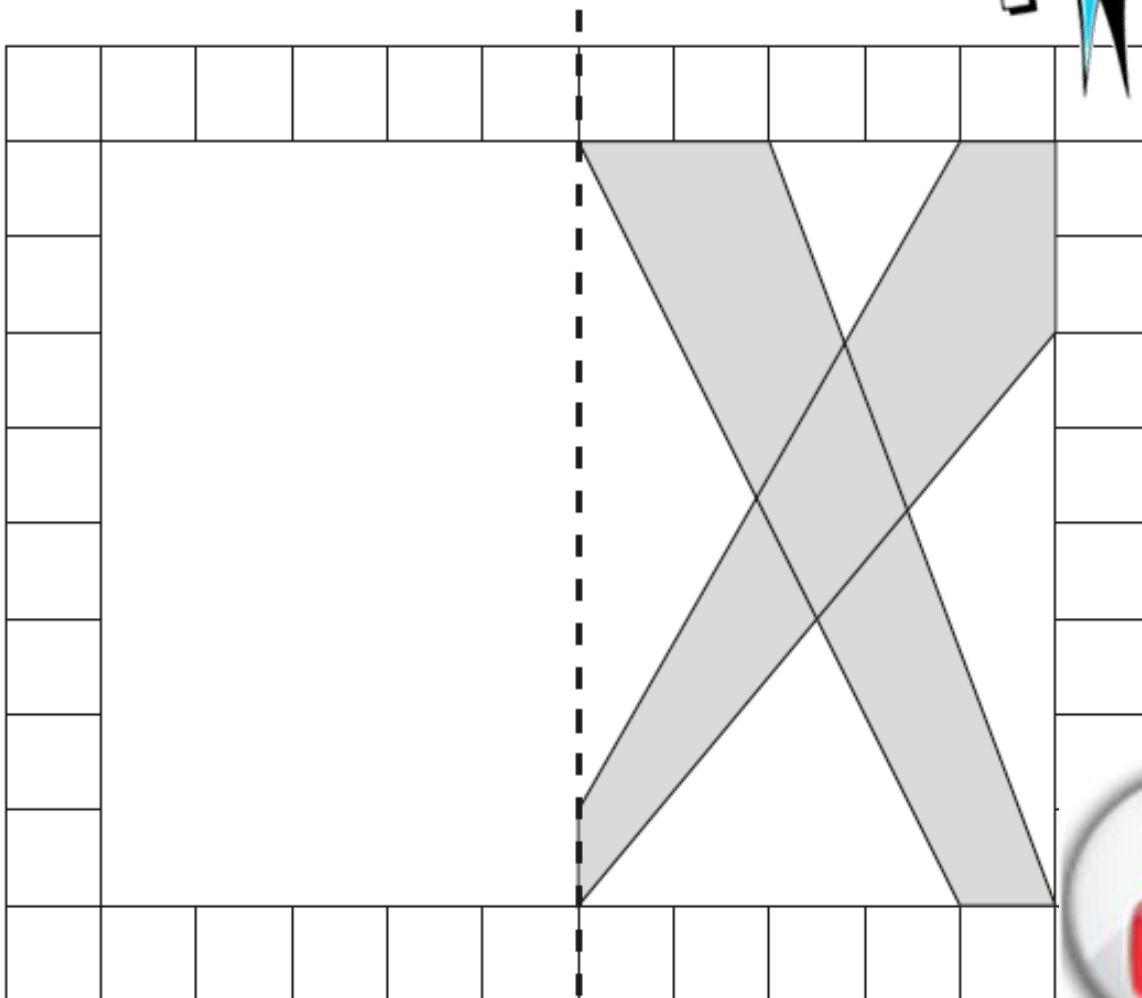
# SYMMETRY + REFLECTION

This diagram shows a shaded shape inside a border of squares.

Draw the reflection of the shape in the mirror line.

Use a ruler.

**LAST YEARS**  
questions



mirror line



# Y6 SATs

# Symmetry & Reflection

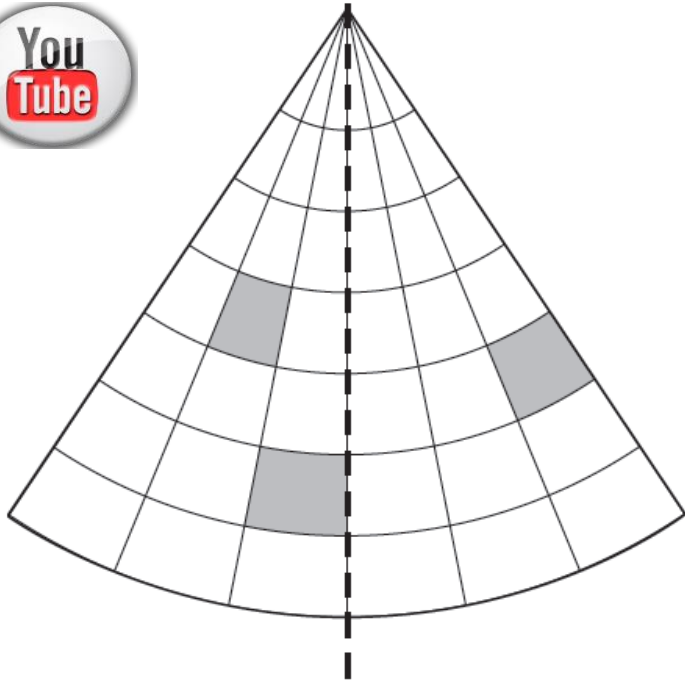
Help Code : 040

# BOOSTER



2013A KS2 Q2

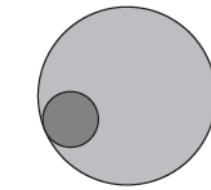
Draw the reflection of **all** the shaded shapes in the mirror line



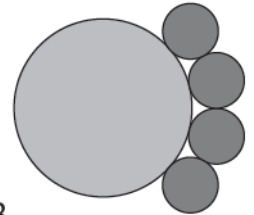
mirror line

2013A KS2 Q10

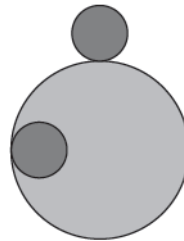
Here are four designs made from two sizes of circles.



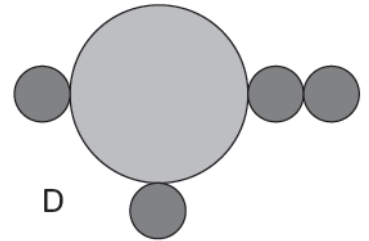
A



B



C



D

Write the letters of **all** the designs that have line symmetry.

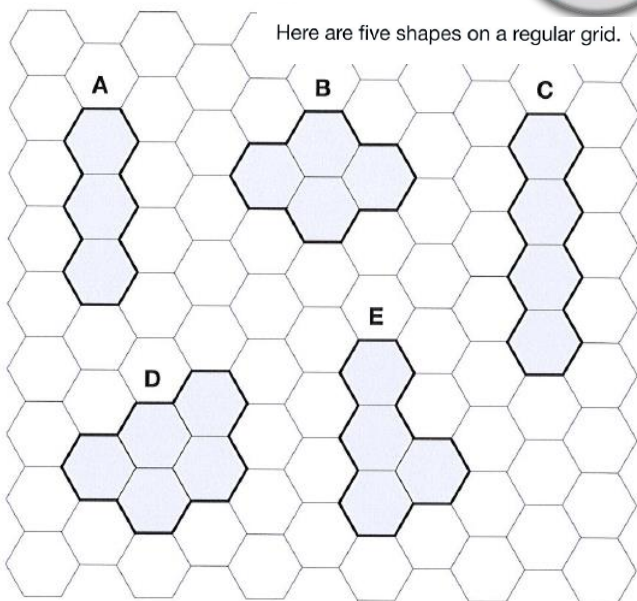


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2012A KS2 Q13



Here are five shapes on a regular grid.



Which shape has the longest **perimeter**?



\_\_\_\_\_

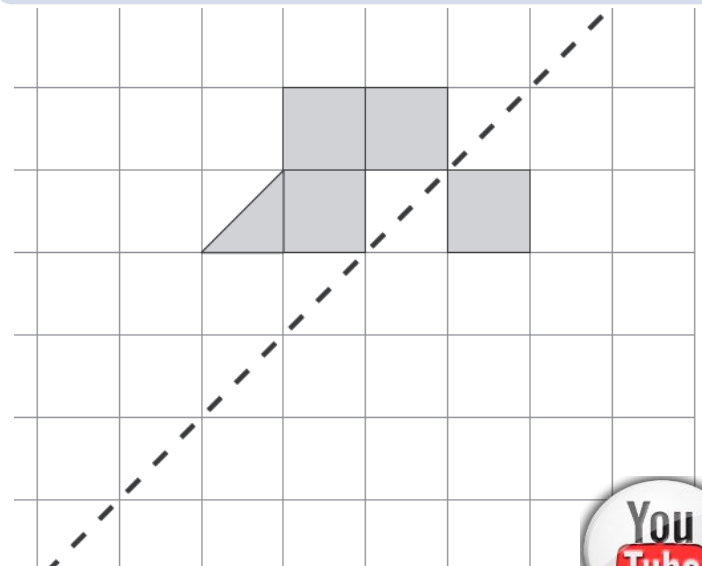
Which shape has only one **line of symmetry**?



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2011A KS2 Q10

Shade **two** squares and **one** triangle to make this design symmetrical about the mirror line.



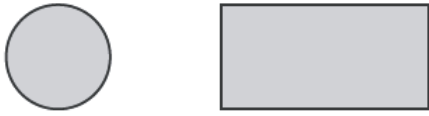
mirror line



2010A KS2 Q16

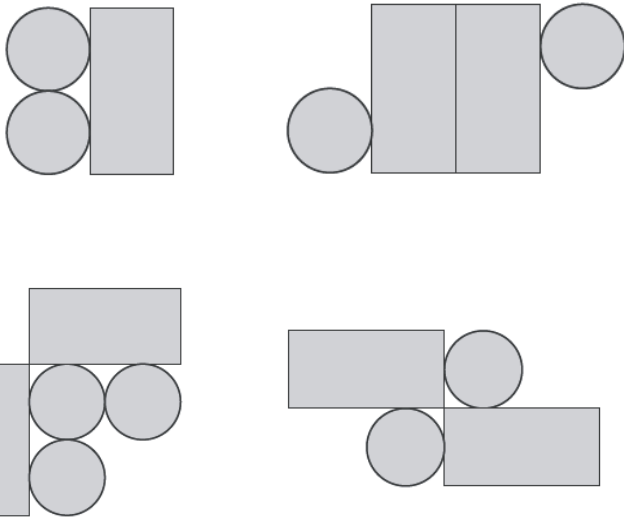


Amy has some circular tiles and some rectangular tiles.



She makes these patterns with them.

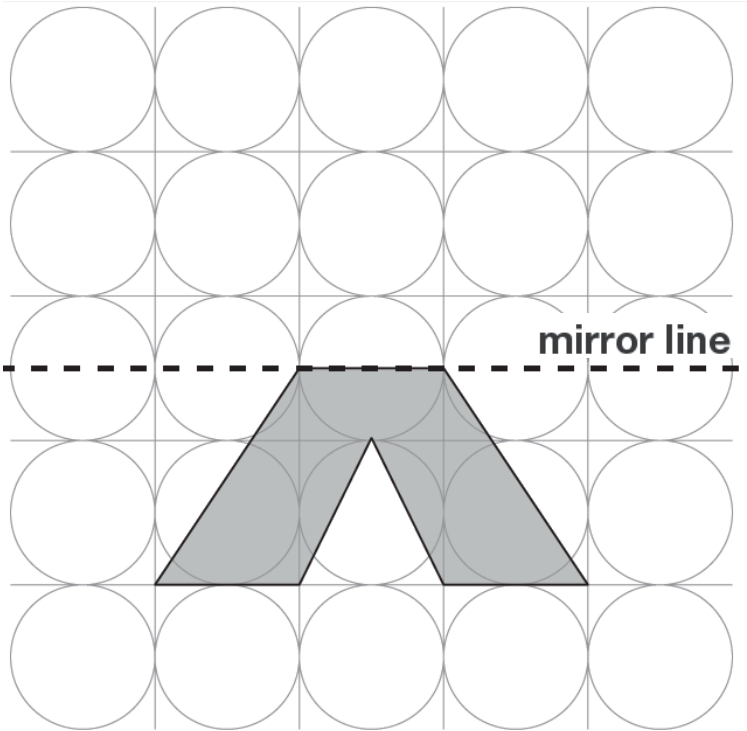
For each pattern, put a tick (✓) if it has a line of symmetry. Put a cross (✗) if it does not.



2009A KS2 Q8



Draw the reflection of the shaded shape in the mirror line.

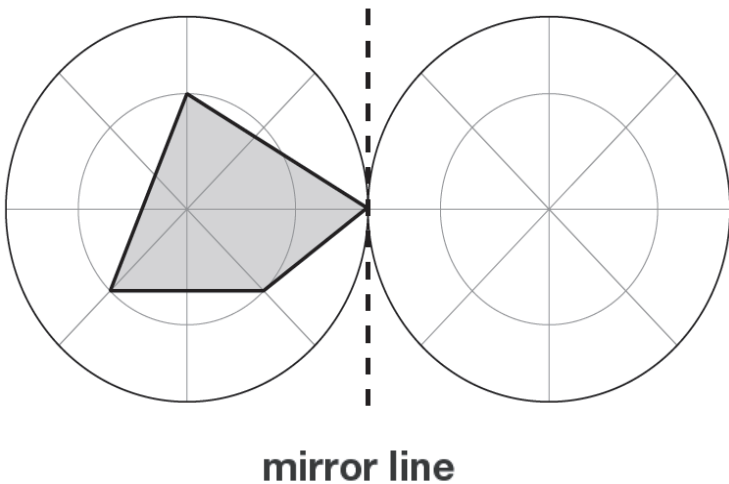


2008A KS2 Q4



Draw the reflection of the shaded shape in the mirror line.

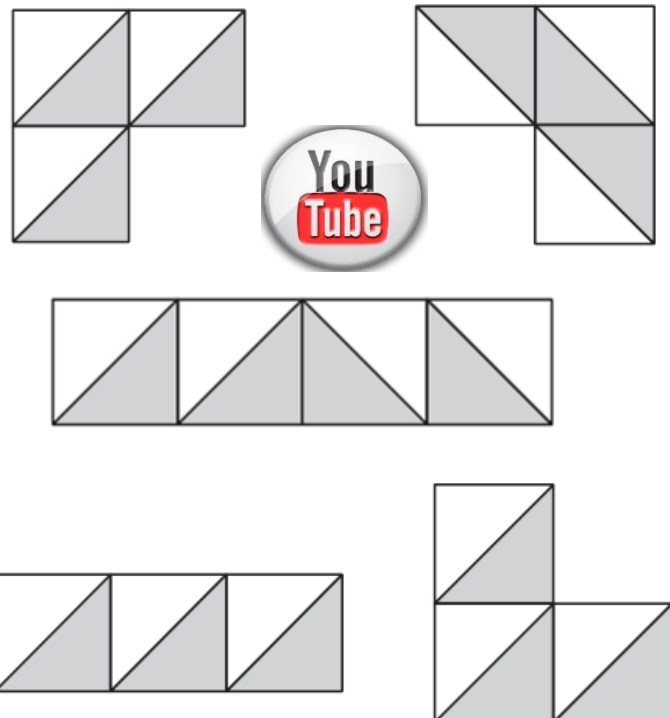
Use a ruler.



2007A KS2 Q12

Here are five patterns.

For each pattern put a tick (✓) if it has a line of symmetry. Put a cross (✗) if it does not.



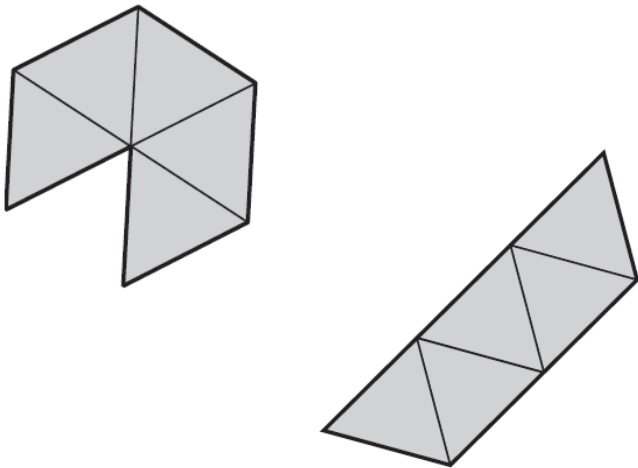
2006A KS2 Q2



These two shapes are made from equilateral triangles.

Draw **one** line of symmetry on each shape.

Use a ruler.



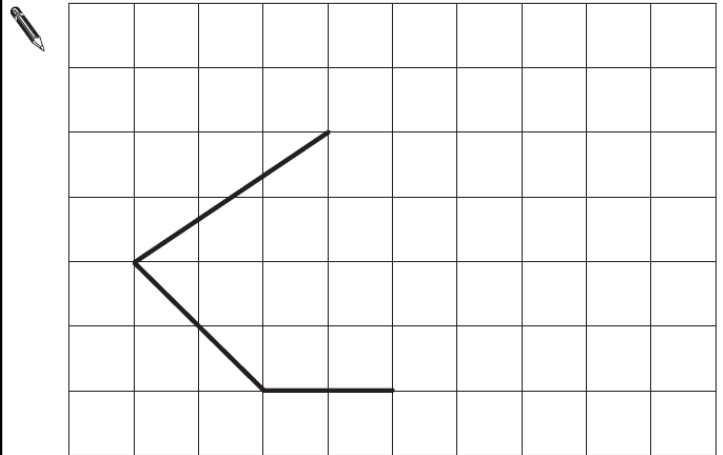
2005A KS2 Q13



Here is part of a shape on a square grid.

Draw **two more** lines to make a shape which has a line of symmetry.

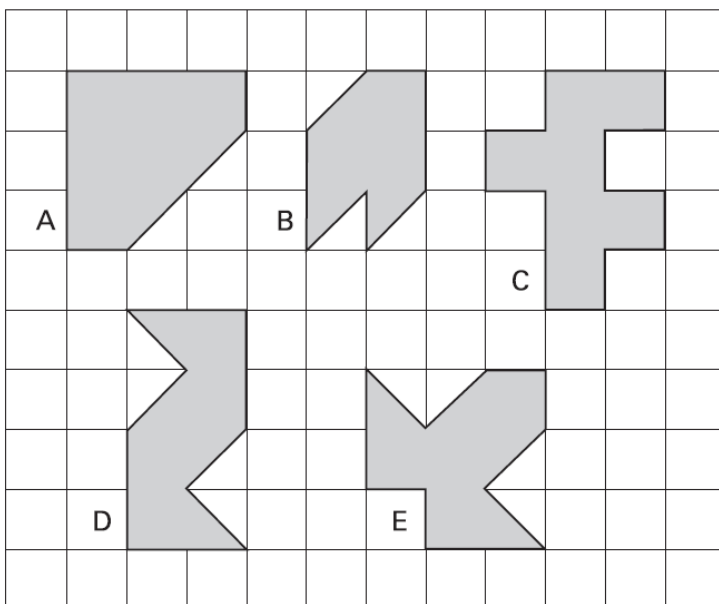
Use a ruler.



2004A KS2 Q7



Here are five shapes on a square grid.



Write the letters of the **two** shapes which have a line of symmetry.



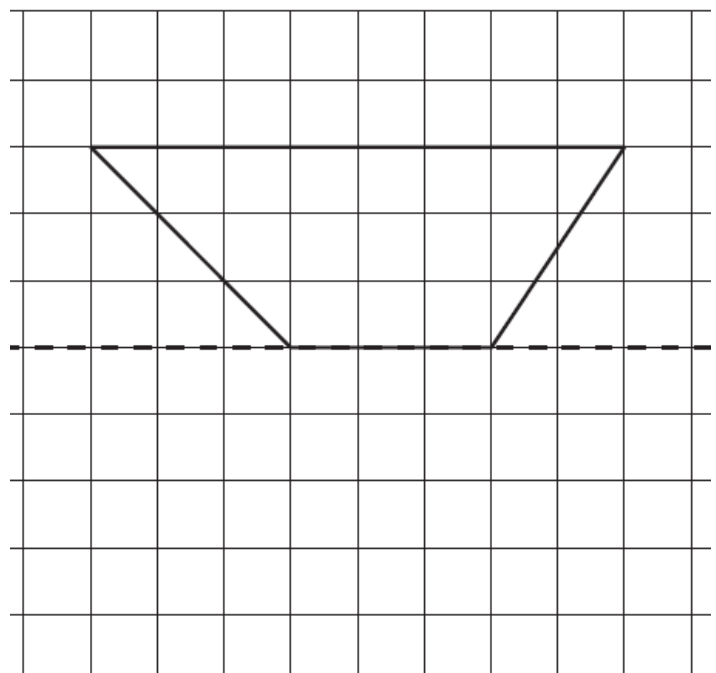
..... and .....

2003A KS2 Q3



Complete the diagram below to make a shape that is symmetrical about the mirror line.

Use a ruler.

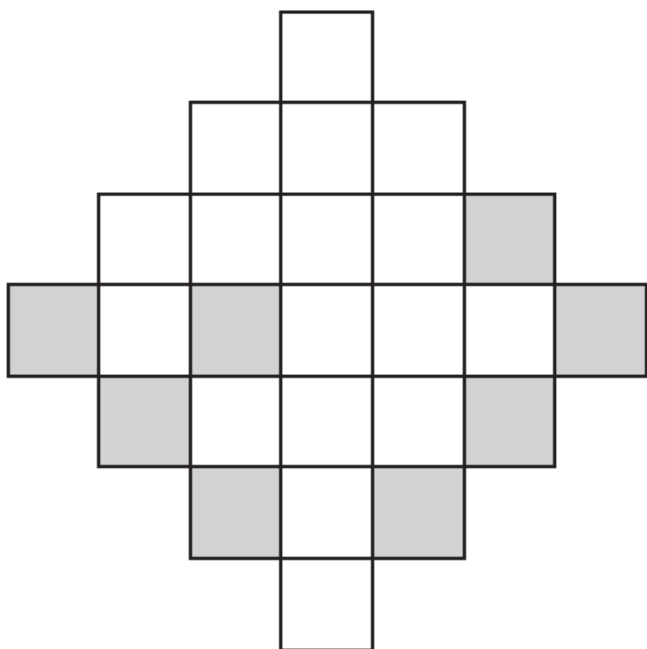




2003A KS2 Q7

Here is a grid with eight squares shaded in.

Shade in **two more** squares to make a symmetrical pattern.



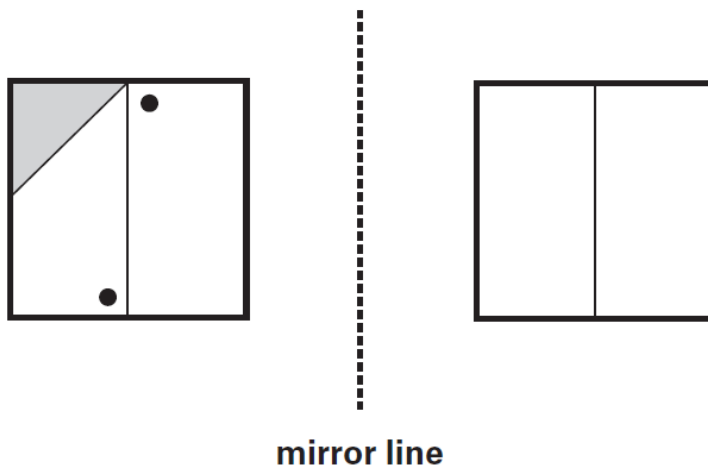
2002 KS2 Q3

Here is a square with a design on it.

The square is reflected in the mirror line.

Draw the missing triangle and dots on the reflected square.

You may use a mirror or tracing paper.

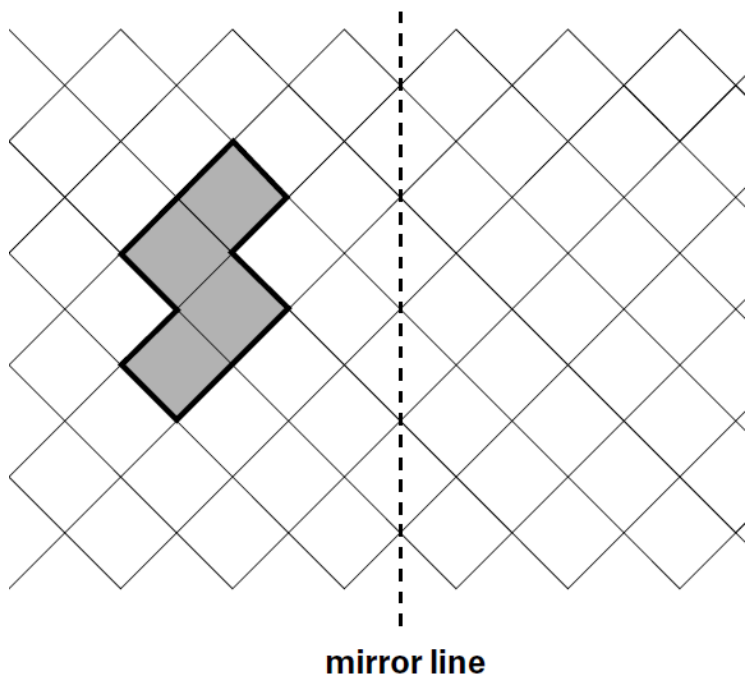


2001A KS2 Q4



Draw the **reflection** of the shaded shape in the mirror line.

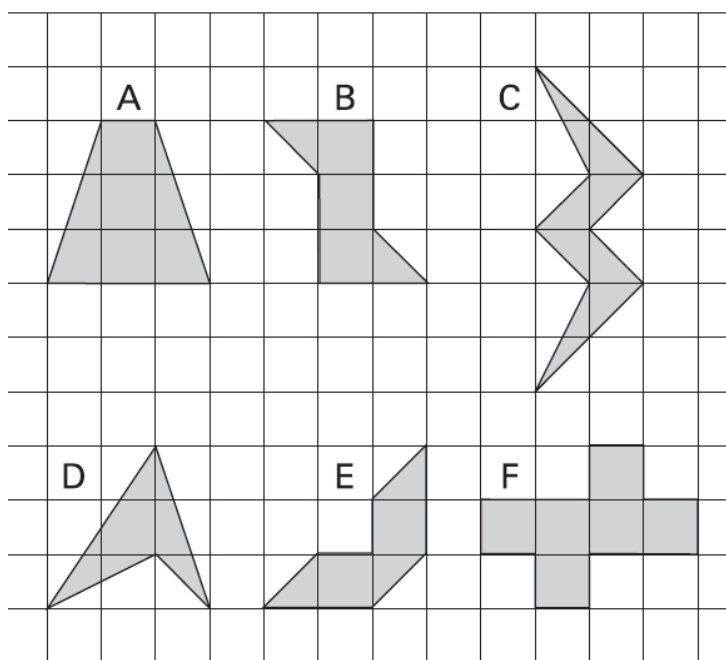
You may use a mirror or tracing paper.



2000 KS2 Q9



Here are some shaded shapes on a grid.



Which **three** shapes have **reflective symmetry**?

You may use a mirror or tracing paper.

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