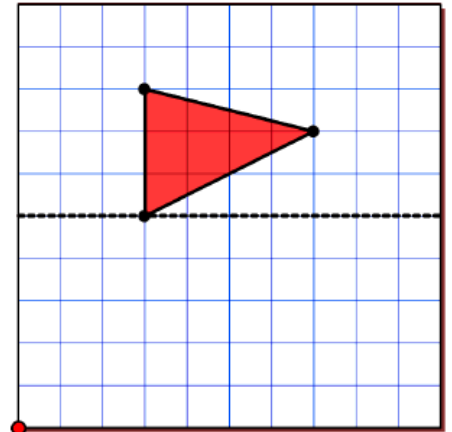
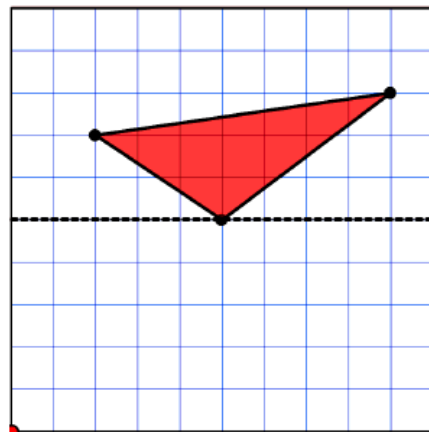
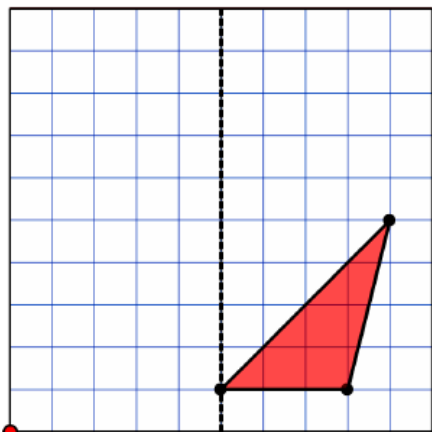
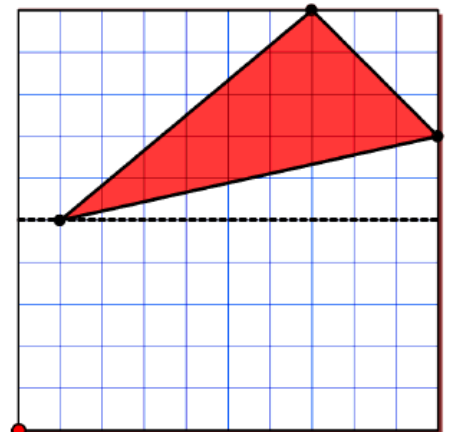
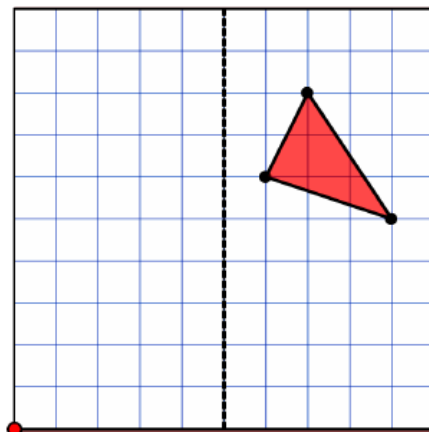
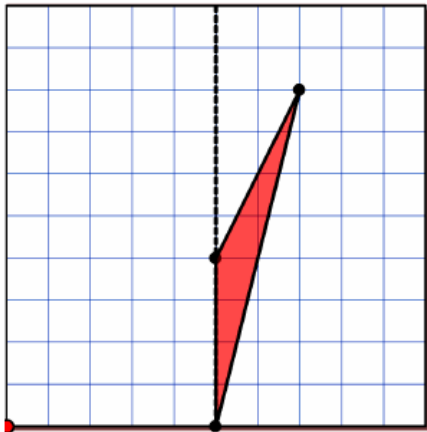
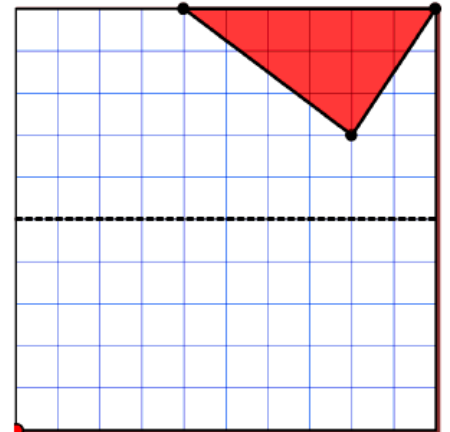
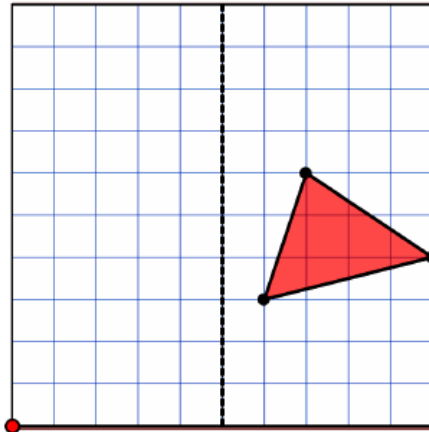
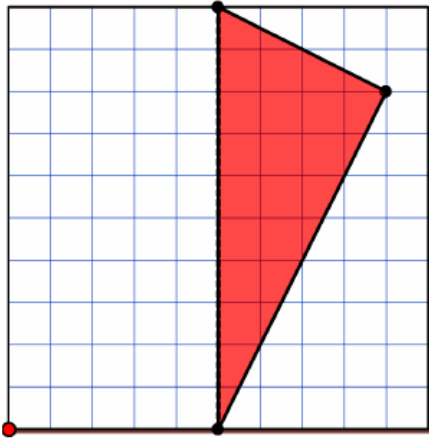


Challenge 1: Explain what symmetry is.

Challenge 2: 1) $583 \times 10 =$ 2) $5843 \div 1000 =$ 3) $9.576 \times 100 =$ d) $29 \div 1000 =$

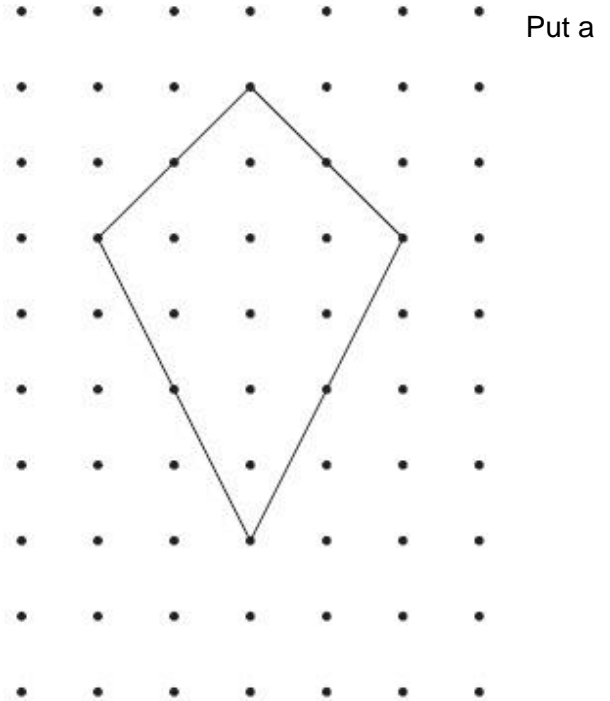
Challenge 3: Reflect these shapes on the grids with precision using a ruler.



Challenge 4 extension: Try these SATs-style questions!

Here is a shape on a grid.

For each statement, put a tick (✓) if it is true.
cross (X) if it is not true.



The shape is a quadrilateral.

The shape has 2 lines of symmetry.

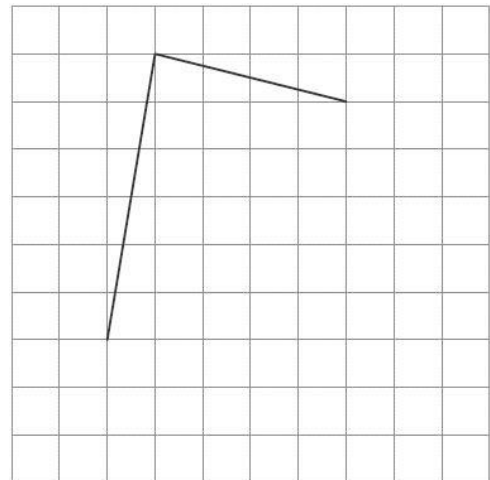
The shape is a parallelogram.

The shape has one right angle.

2 marks

Q2.

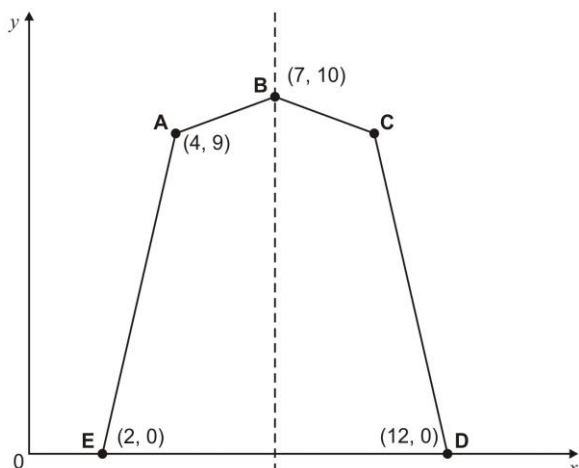
Here is a square grid. Two sides of a kite are drawn on the grid. Complete the kite by drawing the two missing sides. Use a ruler.



1 mark

Q3.

Here is a pentagon drawn on a coordinate grid.



The pentagon is symmetrical.
What are the coordinates of point C?

(,)

mark

1