

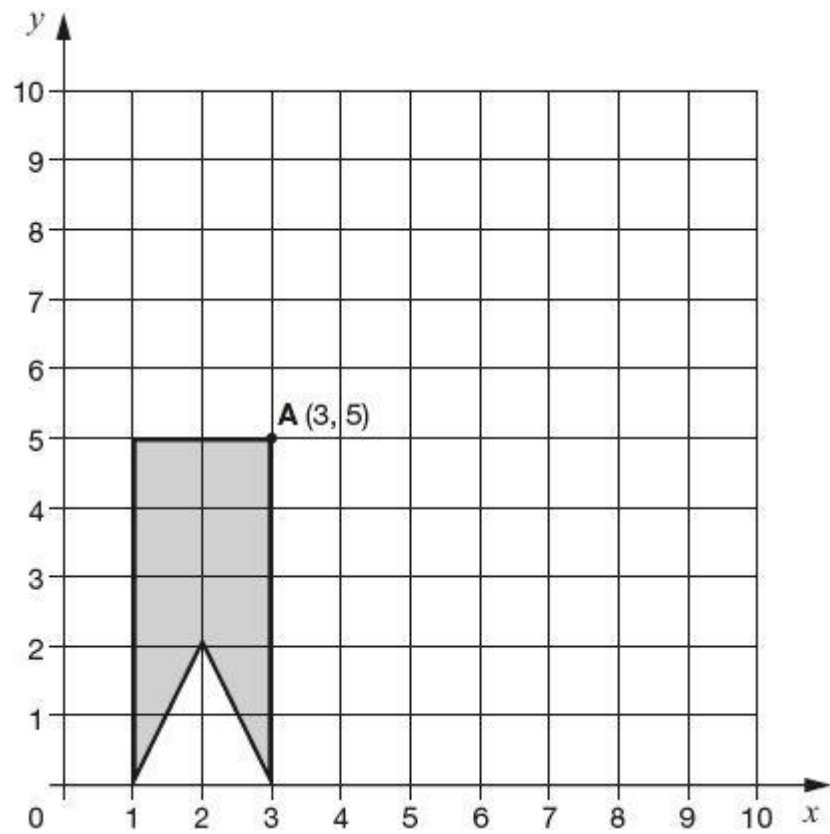
**Q1.**

Here is a shape on a grid.

The shape is translated so that point **A** moves to (7, 8).

Draw the shape in its new position.

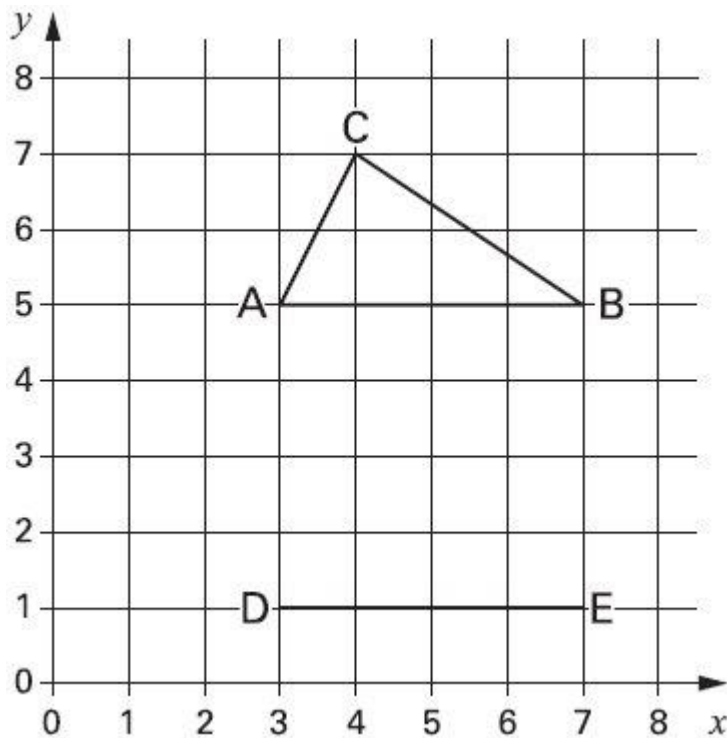
Use a ruler.



1 mark

## Q2.

Kyle has drawn triangle **ABC** on this grid.



Holly has started to draw an **identical** triangle **DEF**.

What will be the coordinates of point **F**?

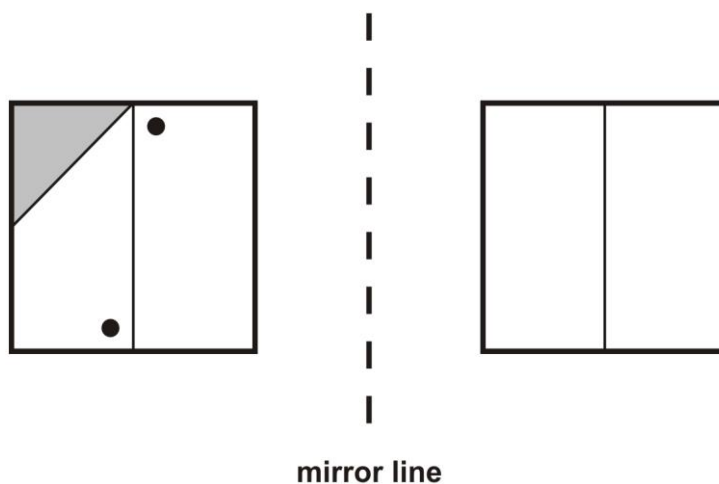
## Q3.

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.

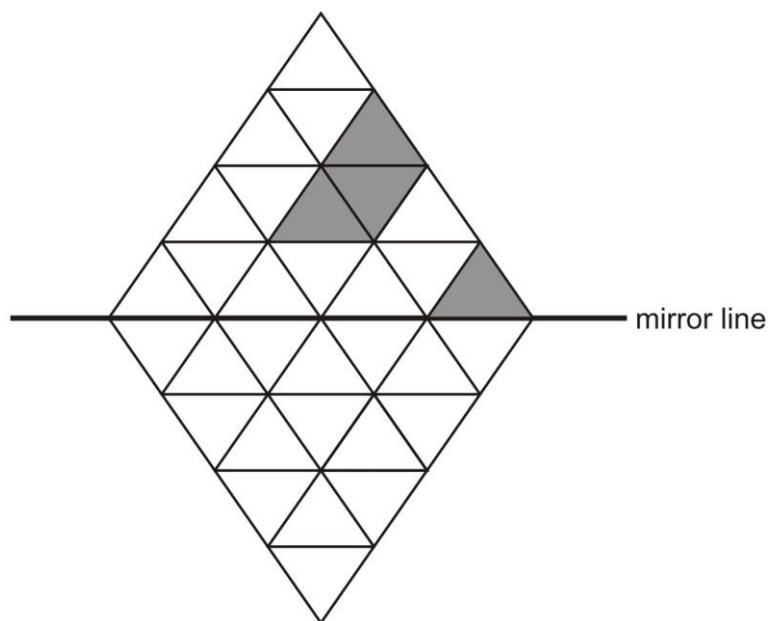
You may use a mirror or tracing paper.



4.

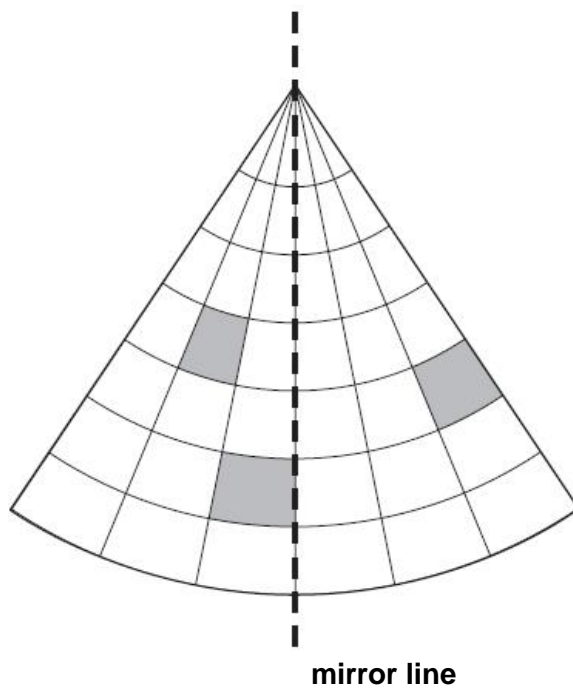
Shade in the reflection of this shape.

You may use a mirror.



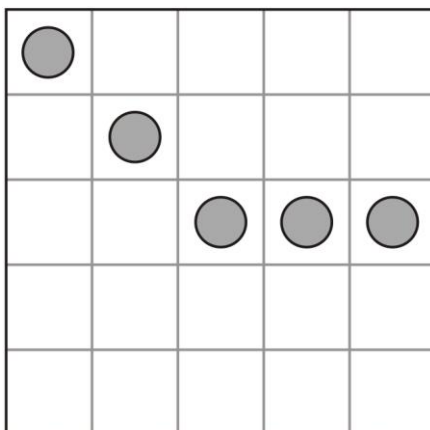
Q5.

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



**Q6.**

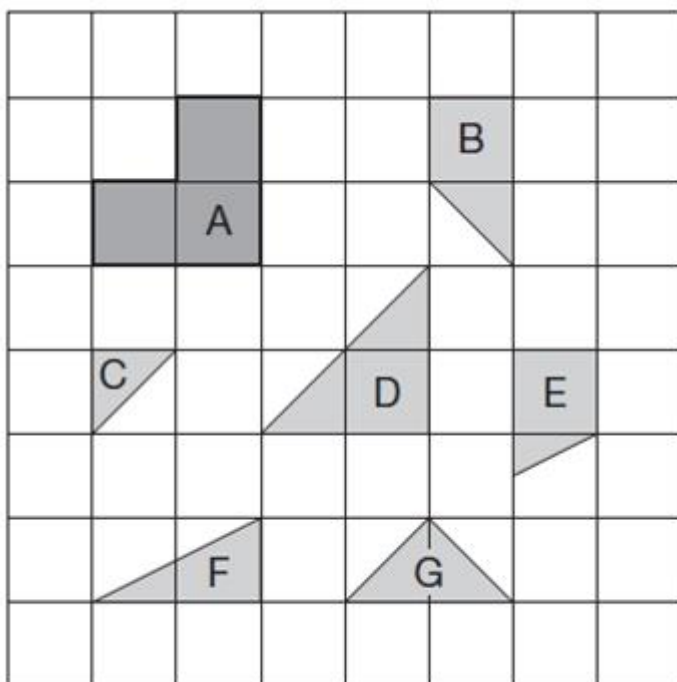
Draw **two** more circles on this grid to make a design that has a line of symmetry.



1 mark

**Q7.**

Here are some tiles on a square grid.



Three different tiles can be fitted together without overlapping to make a shape identical to tile **A**.

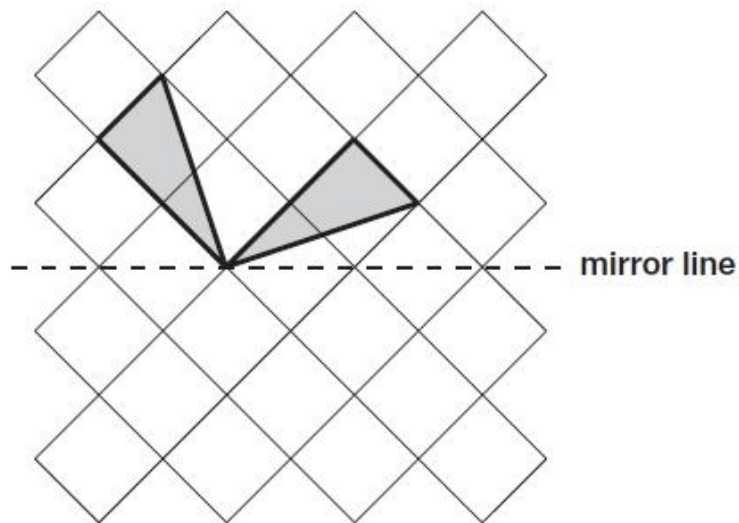
Write the letters of the three tiles.

\_\_\_\_\_ and \_\_\_\_\_ and \_\_\_\_\_ 1 mark

**Q8.**

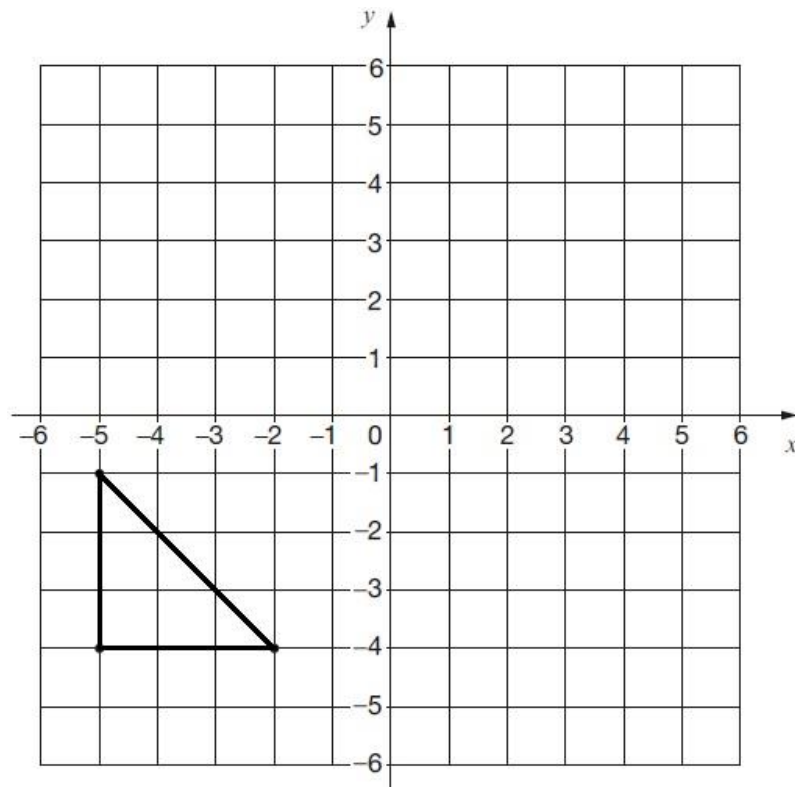
Complete this shape so that it is symmetrical about the mirror line.

Use a ruler.



**Q9.**

Here is a triangle drawn on a coordinate grid.



The triangle is translated **7 right** and **5 up**.

Draw the triangle in its new position.

1 mark

**Q10.**

Here is a shaded shape on a square grid.

Reflect the shape in the mirror line.

Use a ruler.

