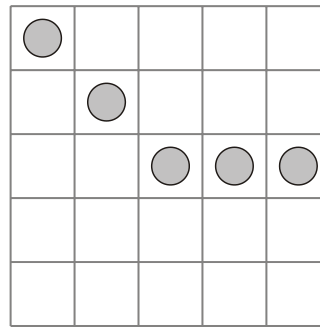


1. Draw **two** more circles on this grid to make a design that has a line of symmetry.

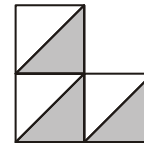
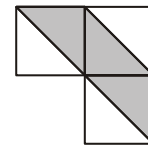
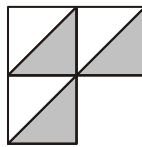


1 mark

2. Here are five patterns.

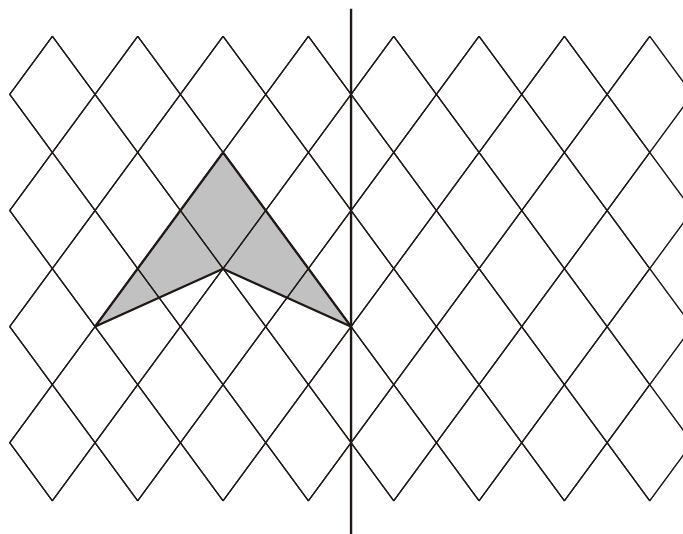
For each pattern put a tick (✓) if it has a line of symmetry.

Put a cross (✗) if it does not.



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

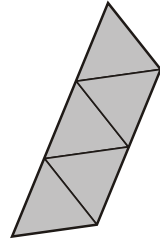
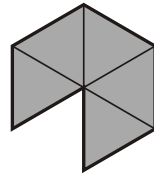
Use a ruler.



4. These two shapes are made from equilateral triangles.

Draw one line of symmetry on each shape.

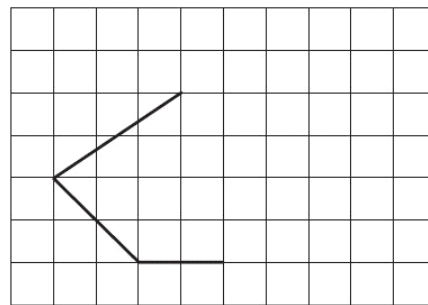
Use a ruler.



5. 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.



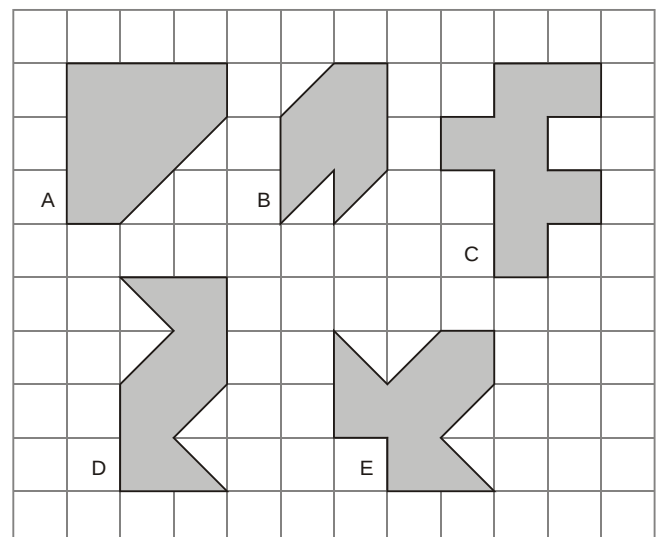
6. Here are five shapes on a square grid.



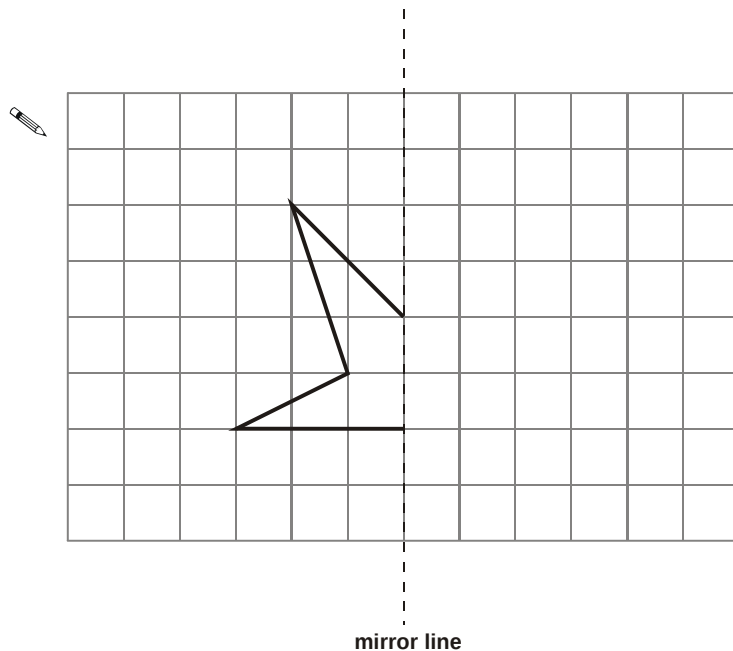
Write the letters of the **two**

shapes which have a line of symmetry.

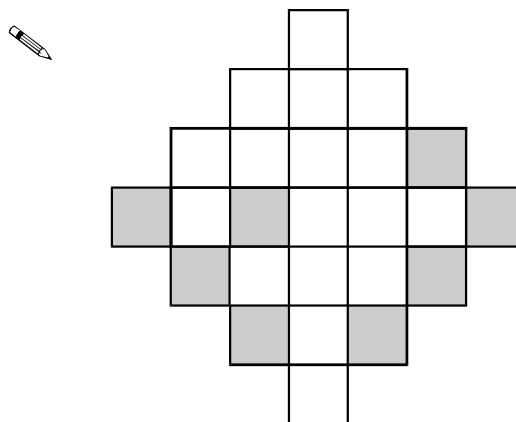
..... and



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



8. Here is a grid with eight squares shaded in.
Shade in two more squares
to make a symmetrical pattern.



9. The letter **D** has a line of symmetry.

Tick (✓) **all** the other letters that have a line of symmetry.

D

M

E

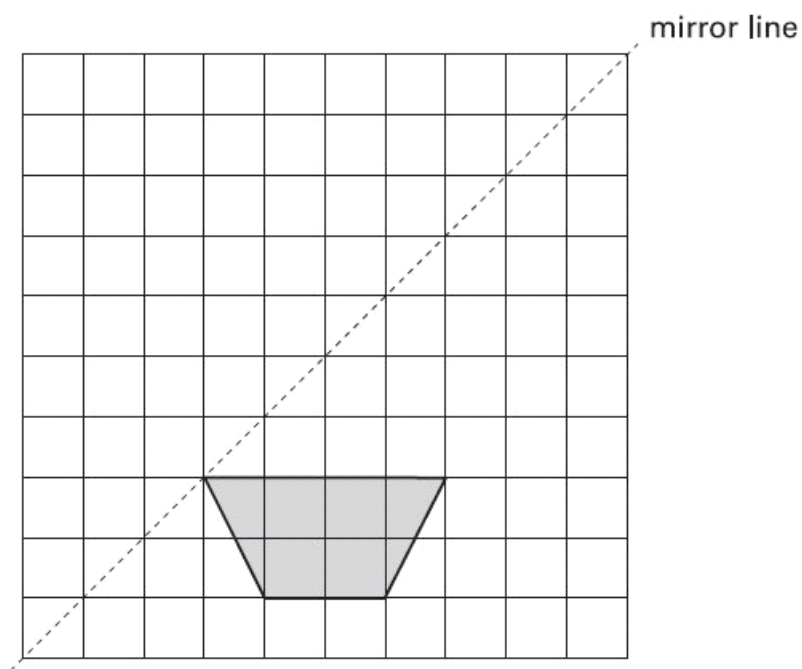
S

N



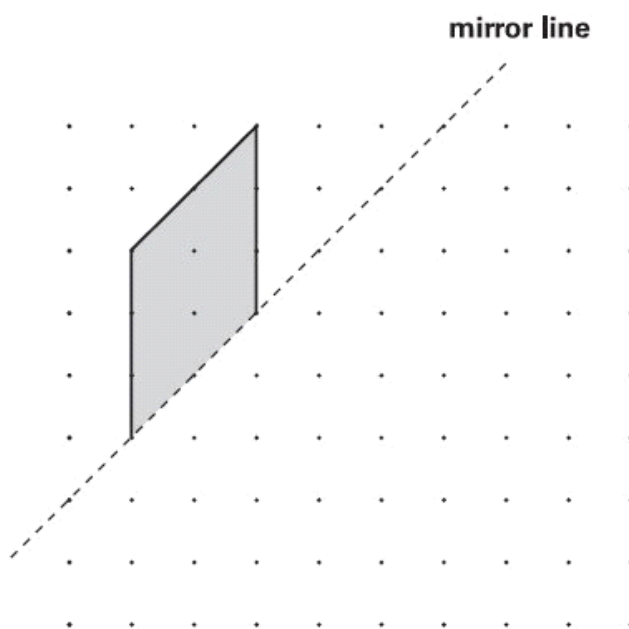
1 mark

10. Draw the reflection of this shape.



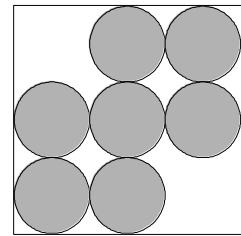
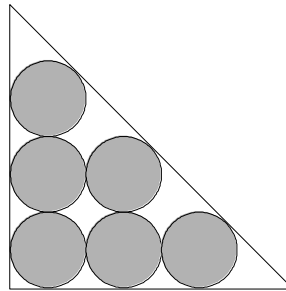
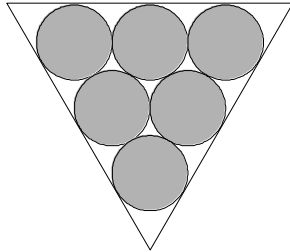
11. Draw the **reflection** of the shape in the **mirror line**.

Use a ruler.



12. Use a ruler to draw **one** line of symmetry on **each** of these designs.

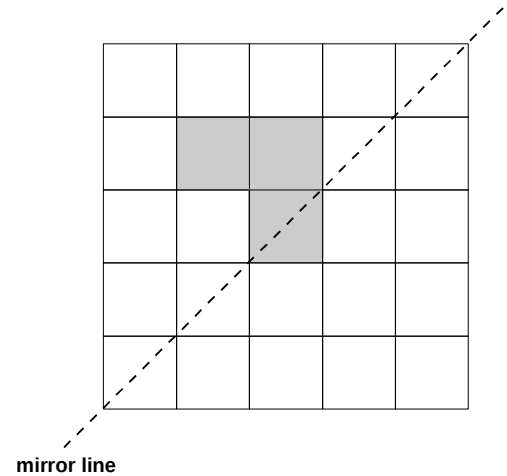
You may use a mirror or tracing paper.



13. Shade in **two more squares**

to make this design symmetrical about the mirror line.

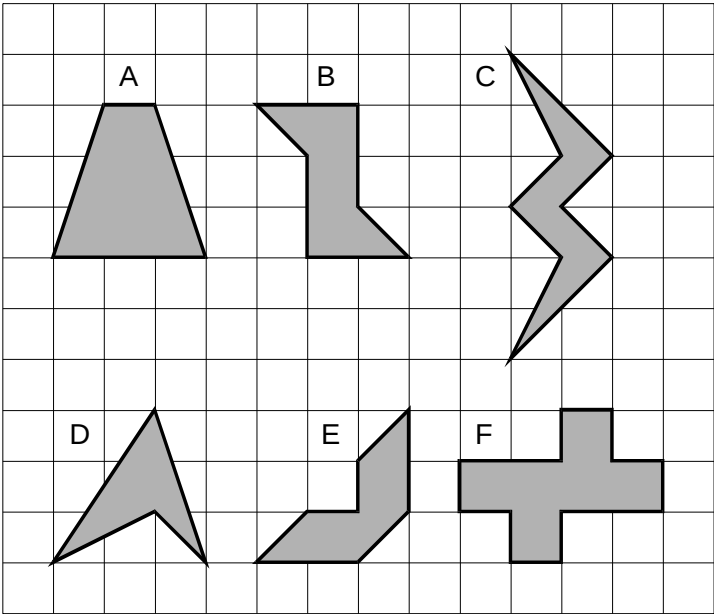
You may use a mirror or tracing paper.



14. Here are some shaded shapes on a grid.
Which **three** shapes have **reflective symmetry**?
You may use a mirror or tracing paper.



.....
.....
.....

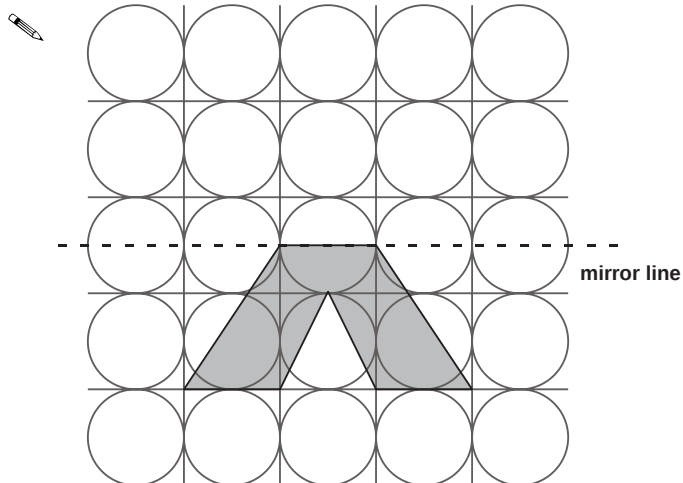


15. **A Z F H**

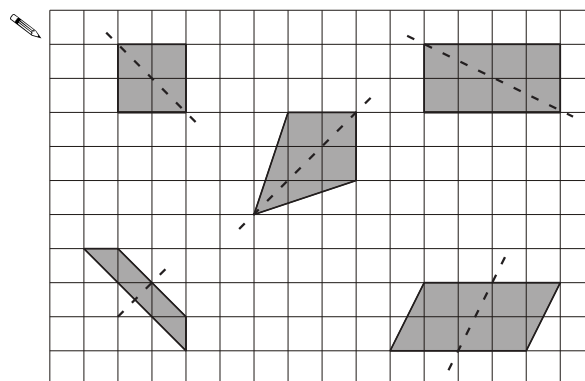
Write each of these letters in the correct region on this diagram

	has reflective symmetry	has no reflective symmetry
has rotational symmetry		
has no rotational symmetry		

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

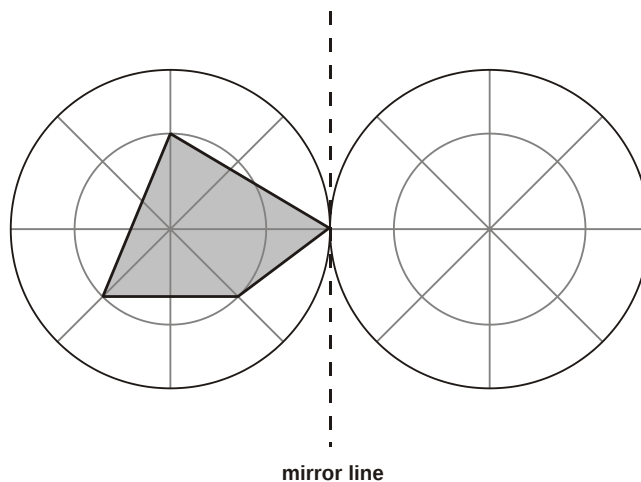


17. Here are five quadrilaterals on a square grid. A dotted line has been drawn on each quadrilateral. For each shape, put a tick (✓) if the dotted line is a line of symmetry. Put a cross (✗) if it is not a line of symmetry.



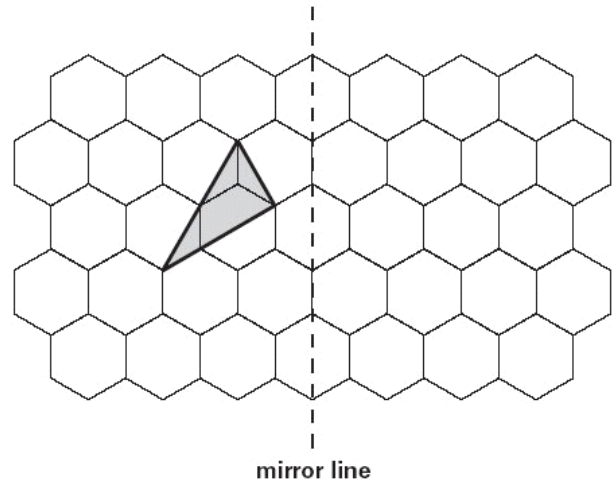
18. Draw the reflection of the shaded shape in the mirror line.

Use a ruler.



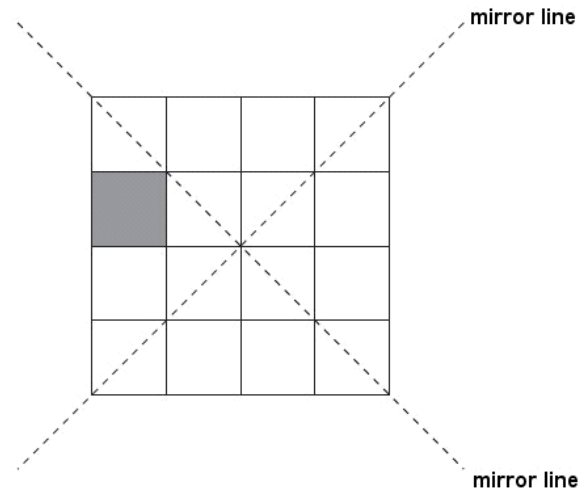
19. This grid is made of hexagons.

Draw the reflection of the shaded shape on the grid.



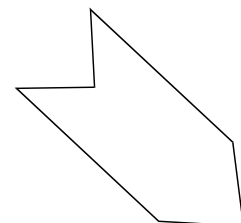
20. Here is a shaded square on a grid.

Shade in **3 more squares** so that the design is symmetrical in **both** mirror lines.



21. Each of these shapes has one or more **lines of symmetry**.

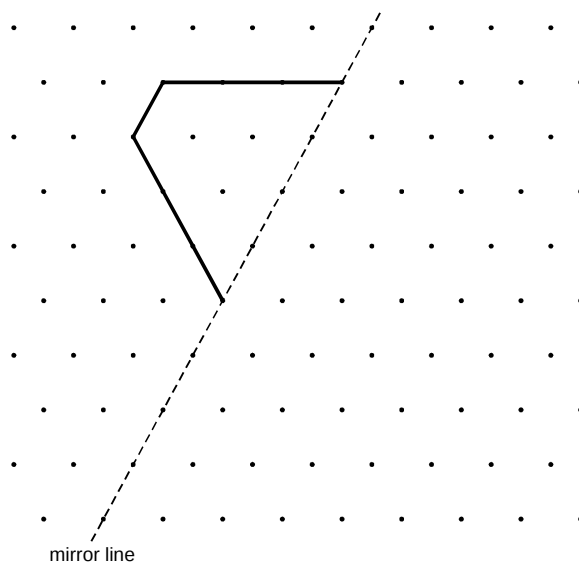
Draw **all** the **lines of symmetry** on each shape.



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

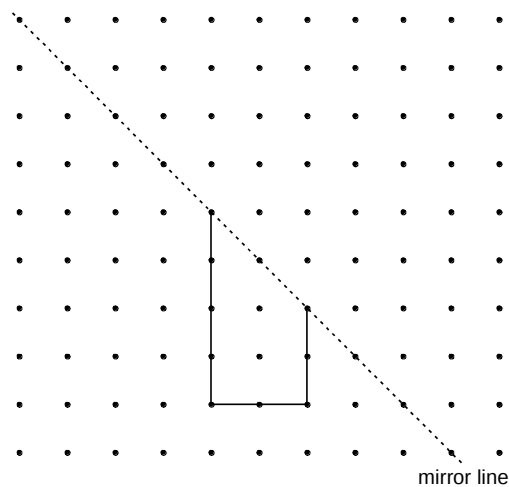
Use a ruler.

You may use a mirror or tracing paper.



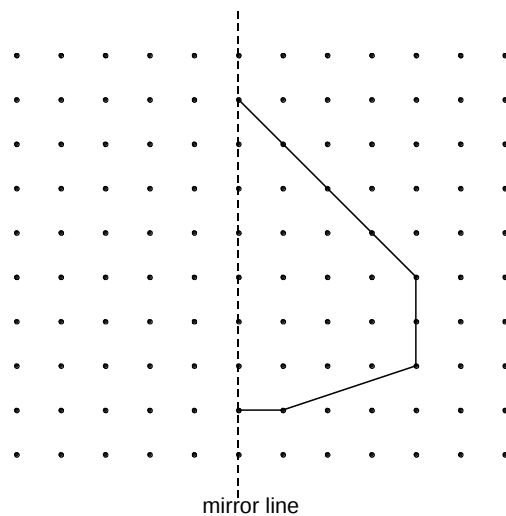
23. Use a ruler to draw the **reflection** of this shape in the mirror line.

You may use a mirror or tracing paper.

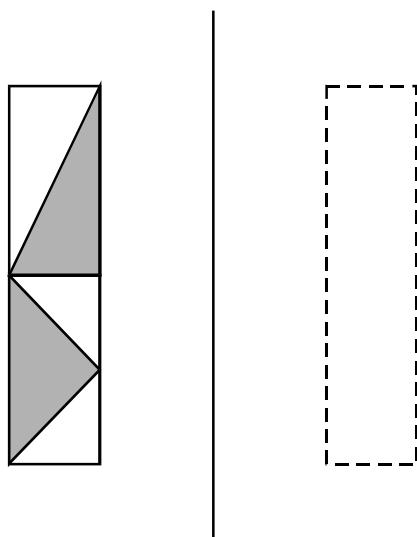


24. Draw in the reflection of the shape in the mirror line.

You may use a mirror and tracing paper.



25. Here is a design and a mirror line.



mirror line

Which **one** of the designs below is the reflection of the design in the mirror line?

Tick (✓) the correct design.

