

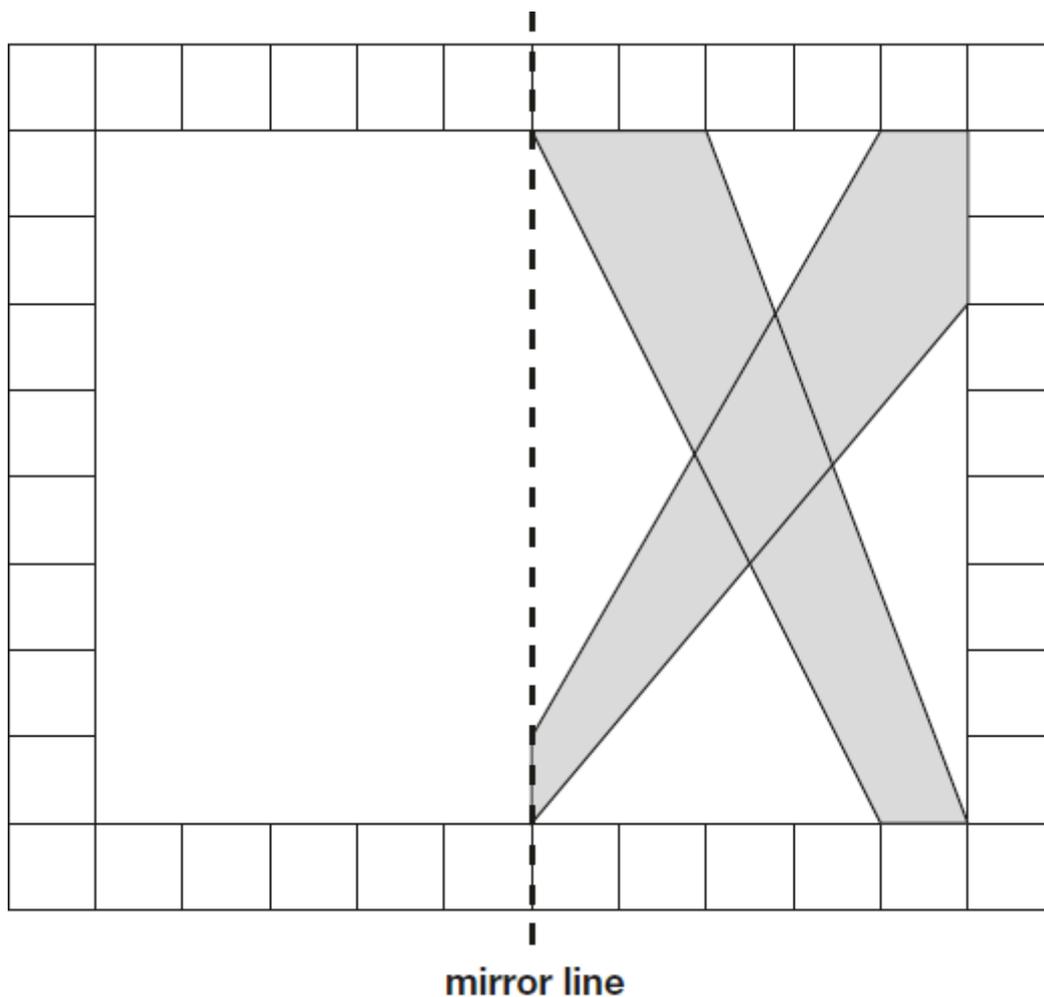
Year 4 Geometry

Q1.

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

Draw the reflection of the shape in the mirror line.

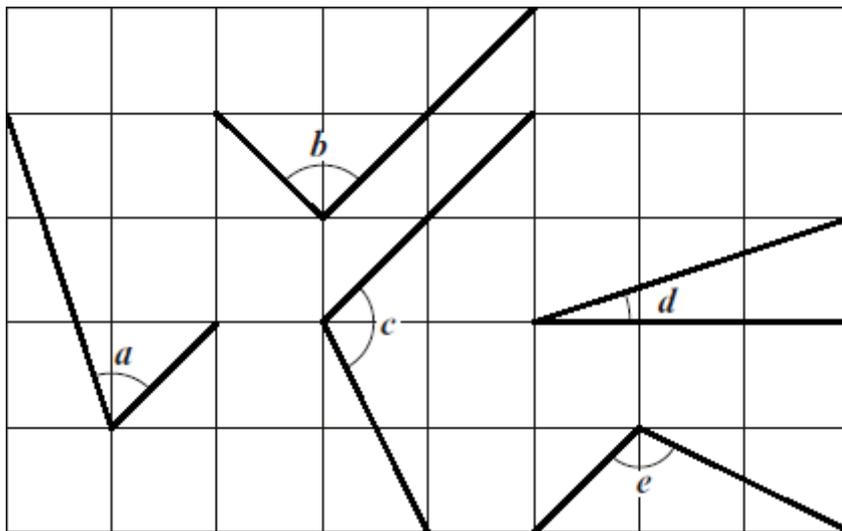
Use a ruler.



1 mark

Q2.

Here are five angles marked on a grid of squares.



Write the letters of the angles that are **obtuse**.

1 mark

Write the letters of the angles that are **acute**.

1 mark

Q3.

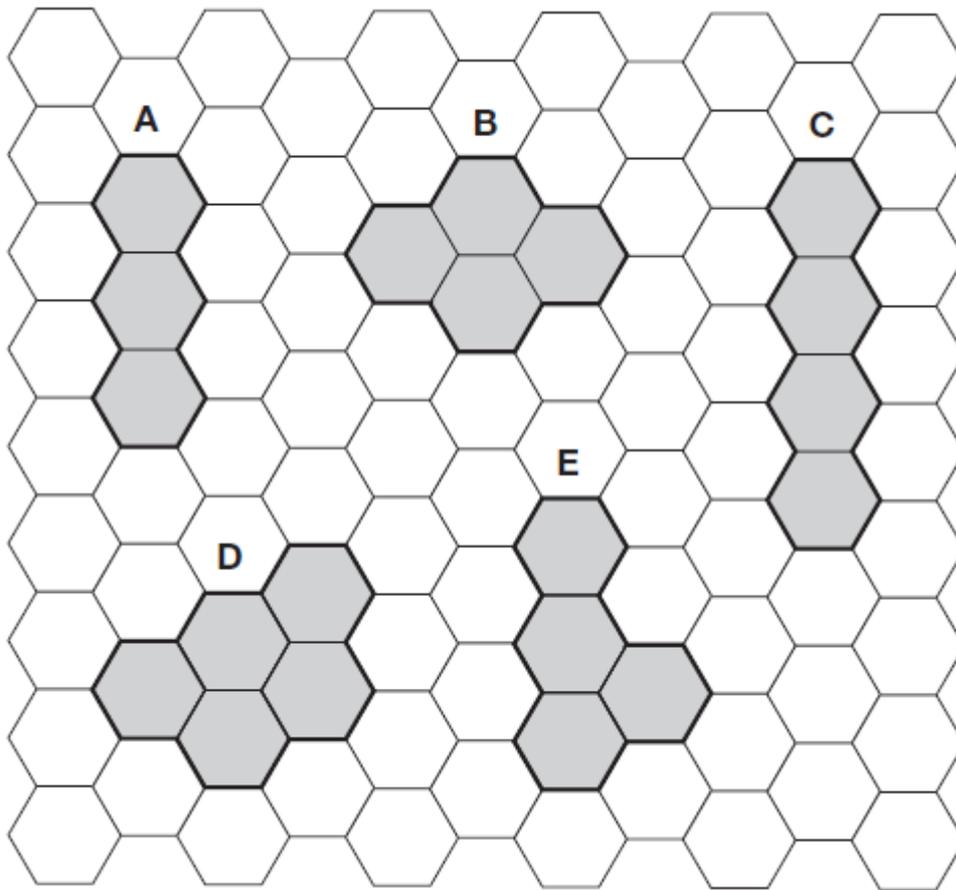
Join dots on the grid to make a quadrilateral that has **3 acute** angles.



1 mark

Q4.

Here are five shapes on a regular grid.



Which shape has the longest **perimeter**?

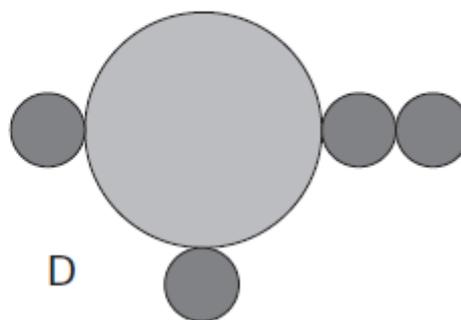
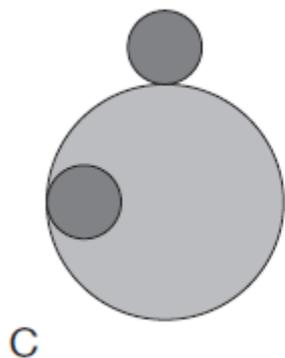
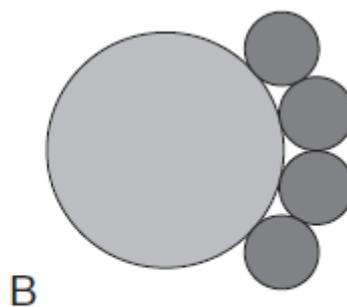
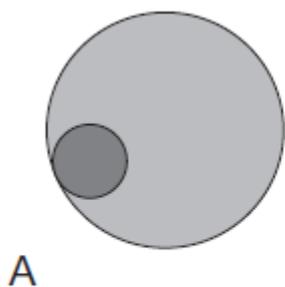
1 mark

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

1 mark

Q5.

Here are four designs made from two sizes of circles.

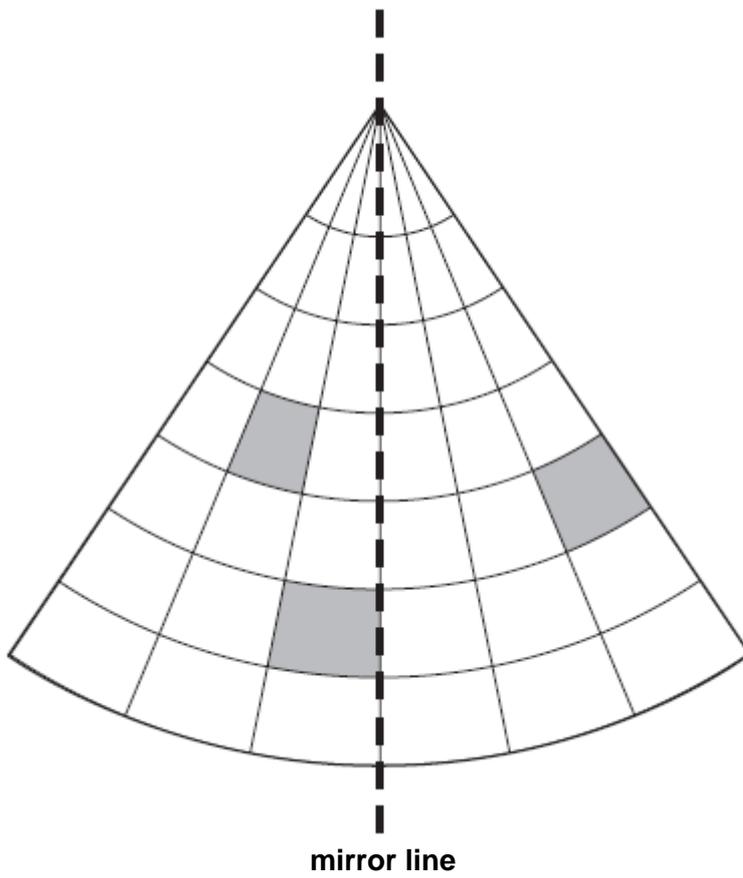


Write the letters of **all** the designs that have line symmetry.

2 marks

Q6.

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



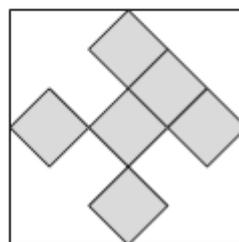
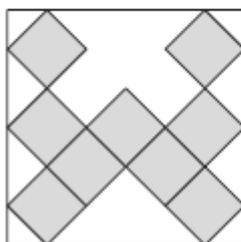
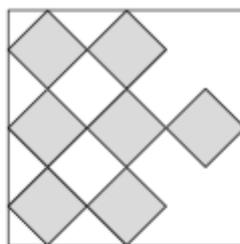
1 mark

Q7.

These three square tiles have symmetrical patterns on them.

Draw the line of symmetry on each tile.

Use a ruler.

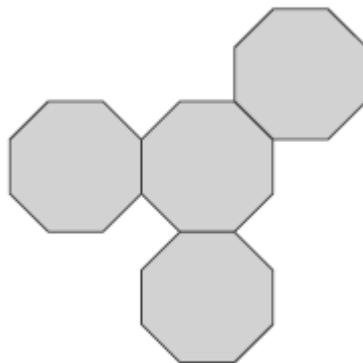
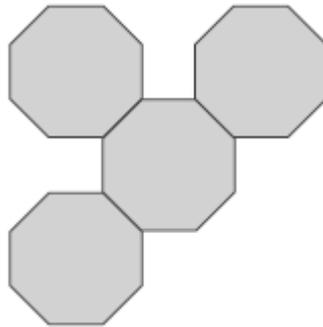
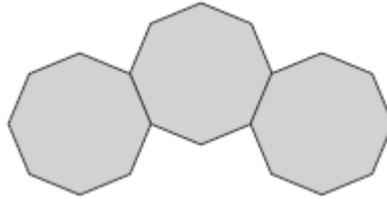


2 marks

Q8. These diagrams are made from regular octagons.

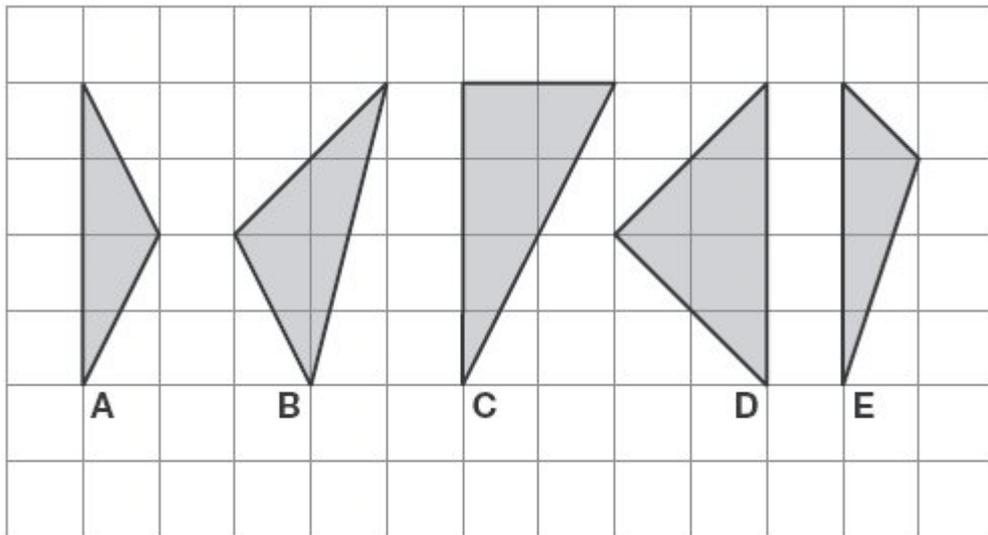
Draw the line of symmetry on each diagram.

Use a ruler.



2 marks

Q9. Here are five shaded triangles on a square grid.



Write the letter of each triangle that has a **right angle**.

1 mark

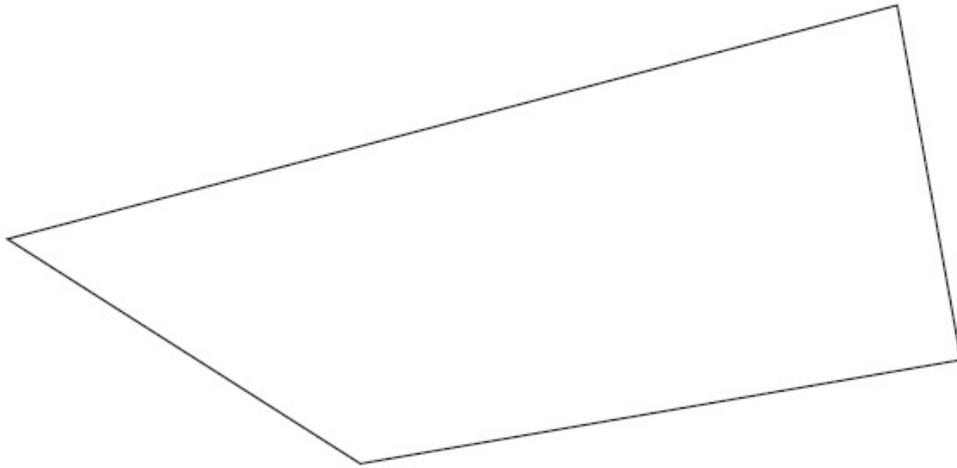
Write the letter of each triangle that has **two equal sides**.

1 mark

Q10.

In this shape, one of the angles is **obtuse**.

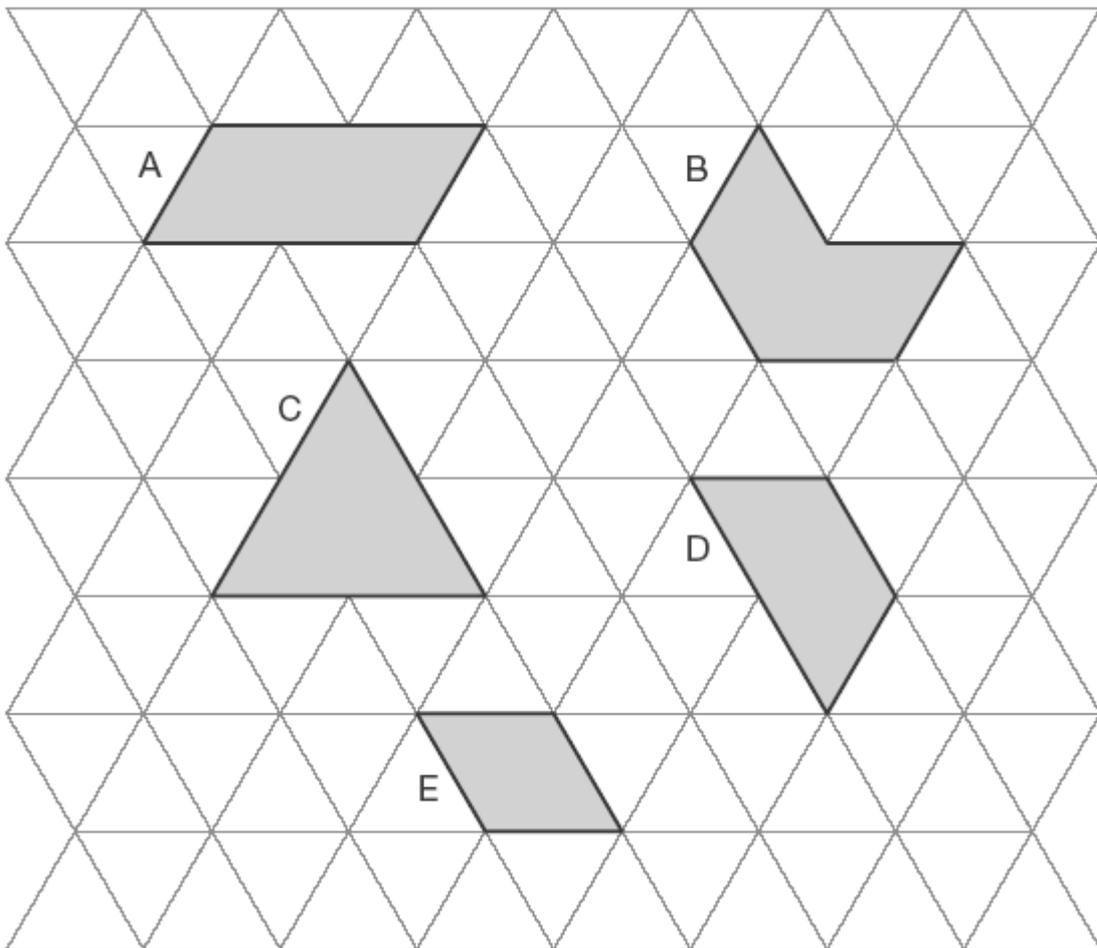
Tick (✓) the obtuse angle.



1 mark

Q11.

Here are five shapes made from equilateral triangles.



Write the letter of the shape that is a **rhombus**.



1 mark

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

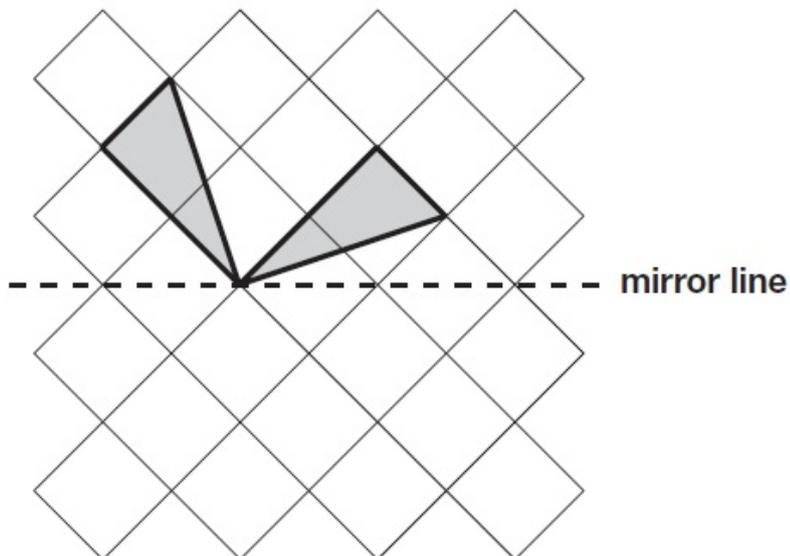


1 mark

Q12.

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

Use a ruler.

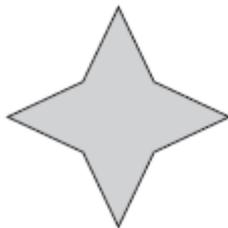
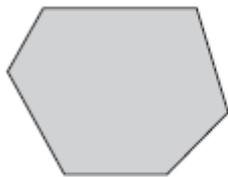
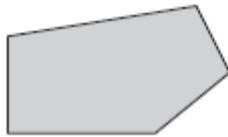
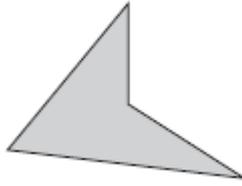
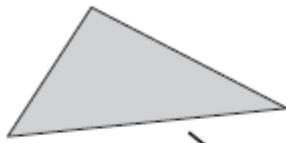


1 mark

Q13.

Match each shape to the correct name.

One has been done for you.



pentagon

triangle

octagon

quadrilateral

hexagon

2 marks