1

[2013]

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

mirror line

[1 mark]

2
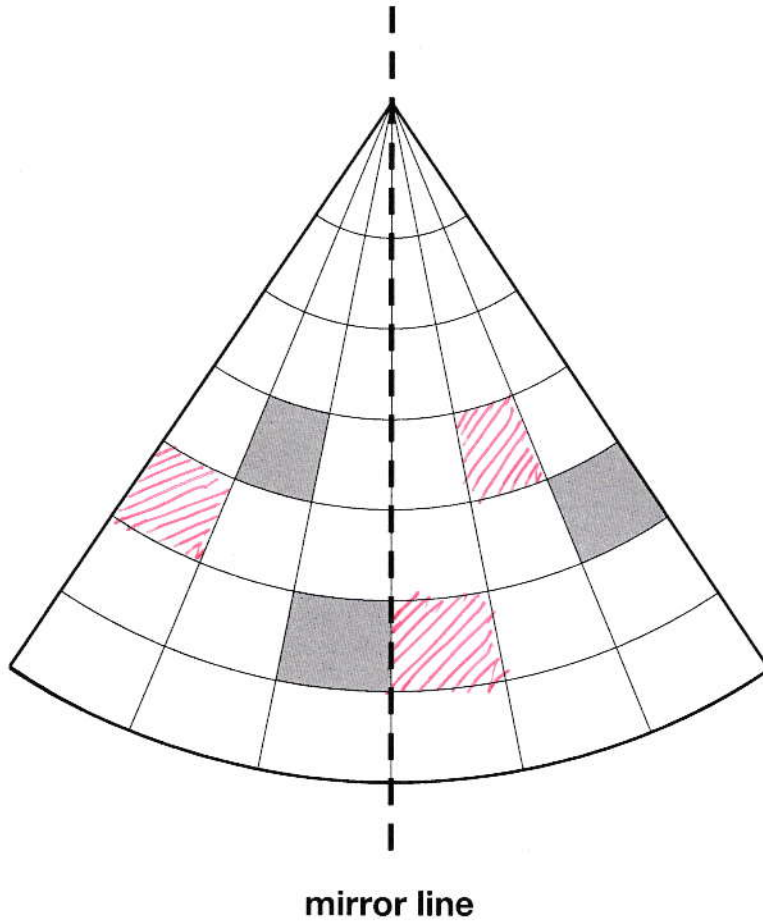
[Extra]

Draw in and shade 3 triangles to complete the reflection in the mirror line.

mirror line

[1 mark]

Questions compiled by:
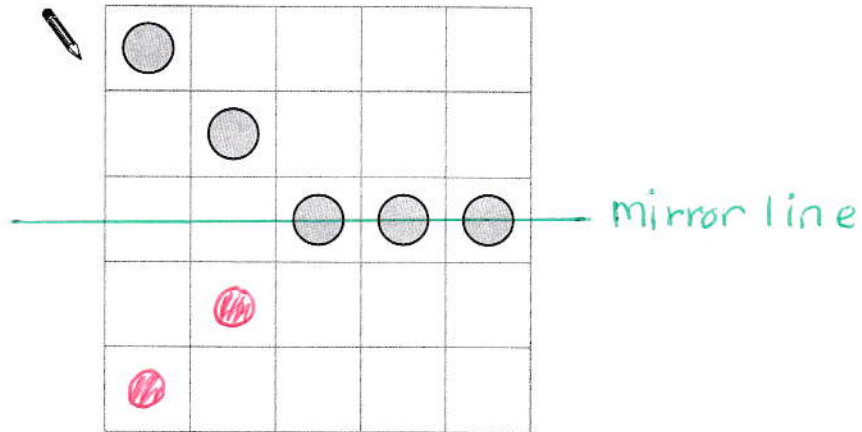@Maths4Everyone
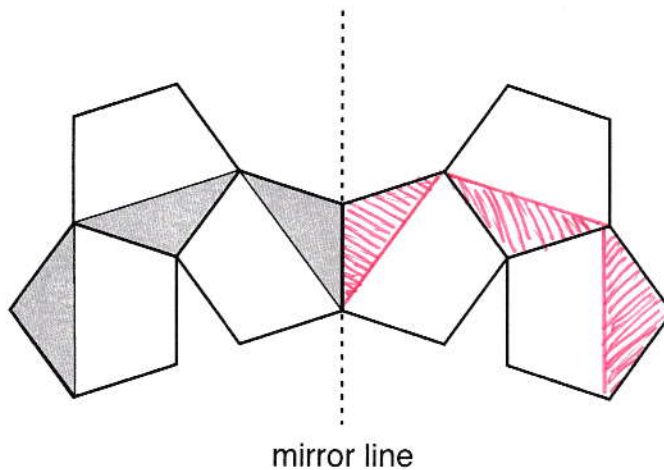
3

[2008]

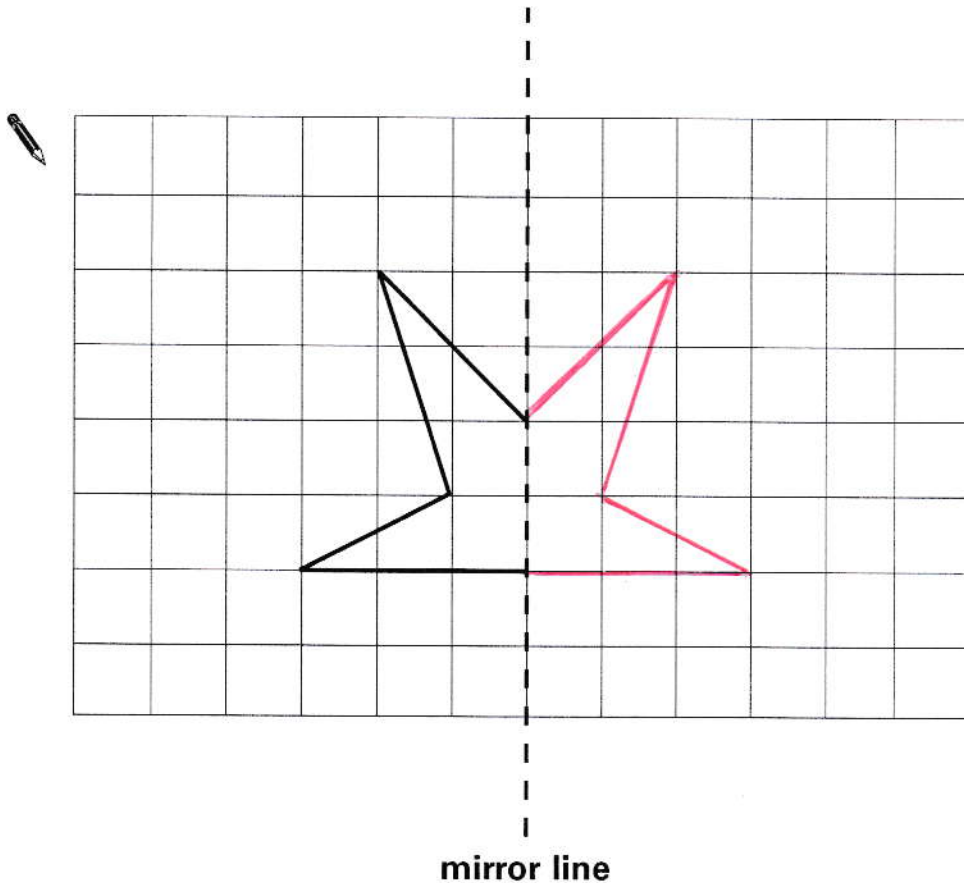Draw **two** more circles on this grid to make a design that has a line of symmetry.

mirror line

[1 mark]

4

[2004]

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

Use a ruler.

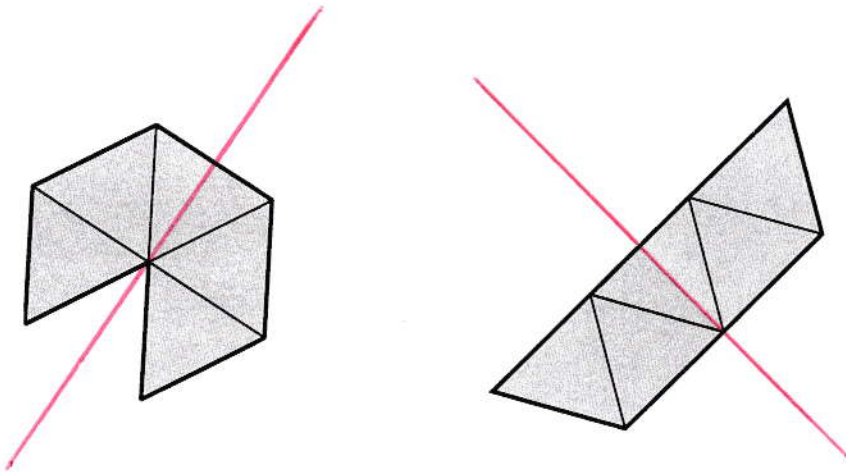

mirror line

[1 mark]

5

[2006]

These two shapes are made from equilateral triangles.

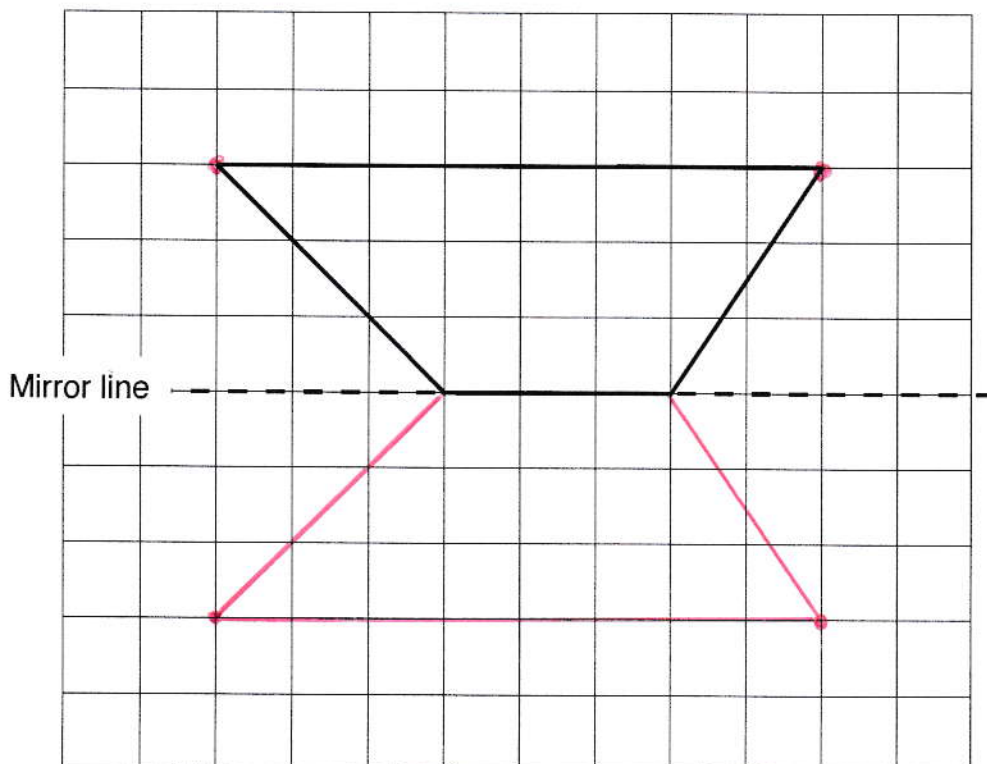Draw **one** line of symmetry on each shape.

Use a ruler.

[1 mark]

6

[2003]

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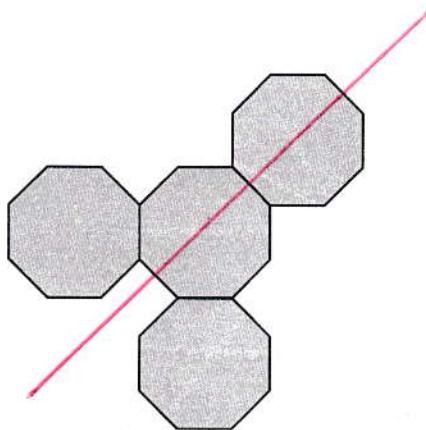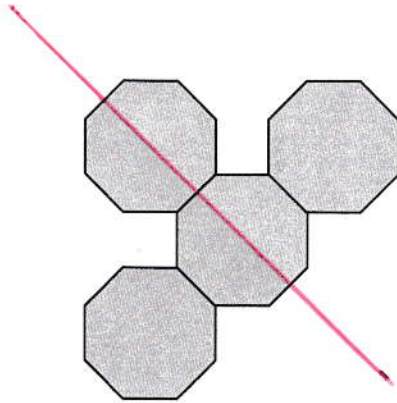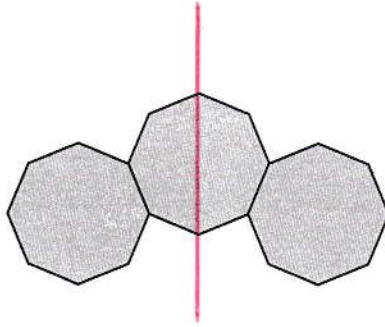
Use a ruler.

Mirror line

[1 mark]

7

[2011]

These diagrams are made from regular octagons.

Draw the line of symmetry on each diagram.

Use a ruler.

[2 marks]

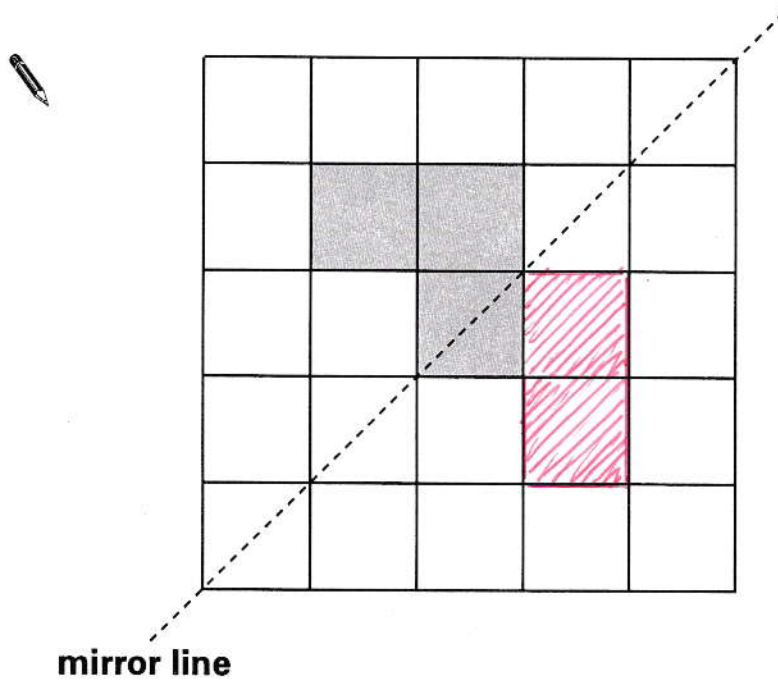Complete this shape so that it is symmetrical about the mirror line.

Use a ruler.
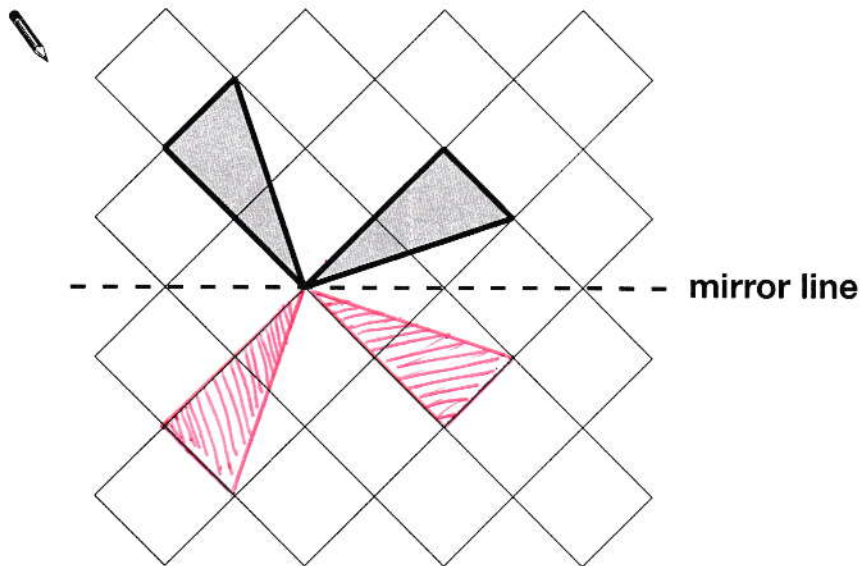
······ **mirror line**

[1 mark]

Shade in **two more squares** to make this design symmetrical about the mirror line.

mirror line

[1 mark]

10

[2015]
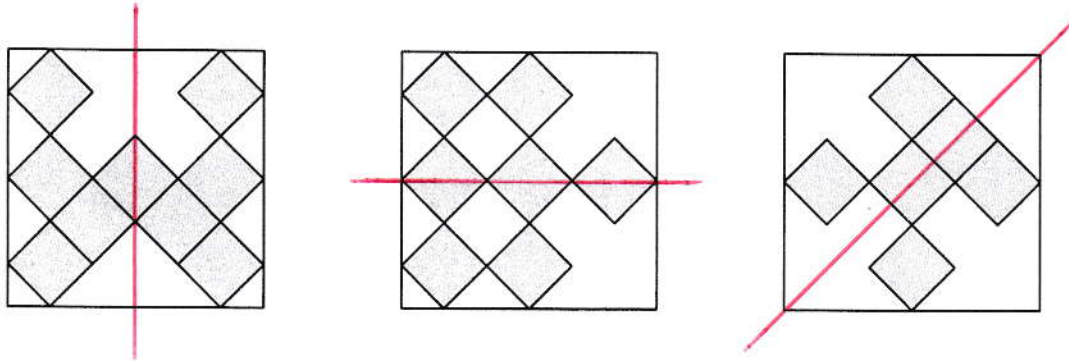
These three square tiles have symmetrical patterns on them.

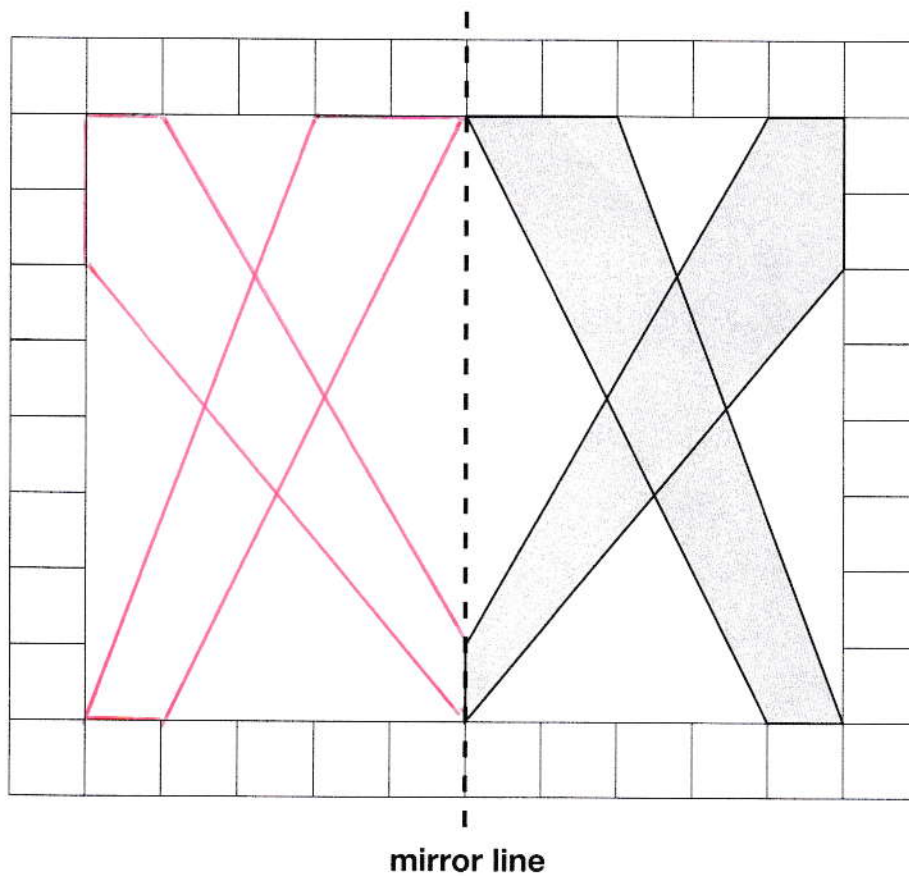Draw the line of symmetry on each tile.

Use a ruler.

[2 marks]

11

[2016]

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

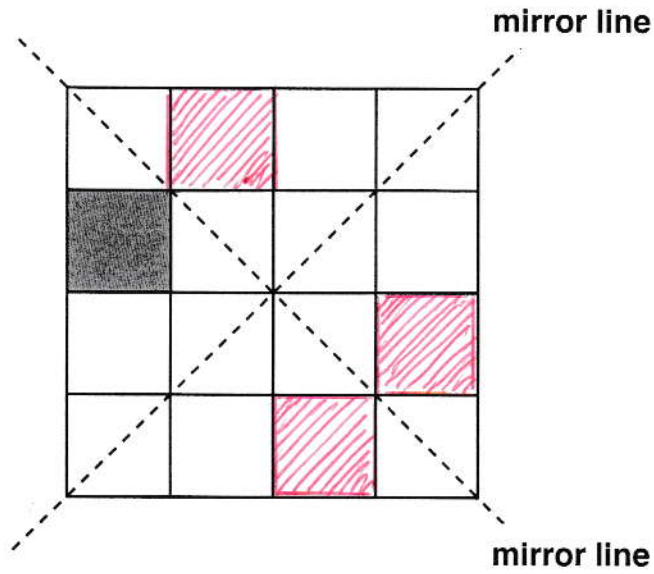Draw the reflection of the shape in the mirror line.

Use a ruler.

mirror line

[1 mark]

12

[Extra]

Here is a shaded square on a grid.

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

mirror line

mirror line
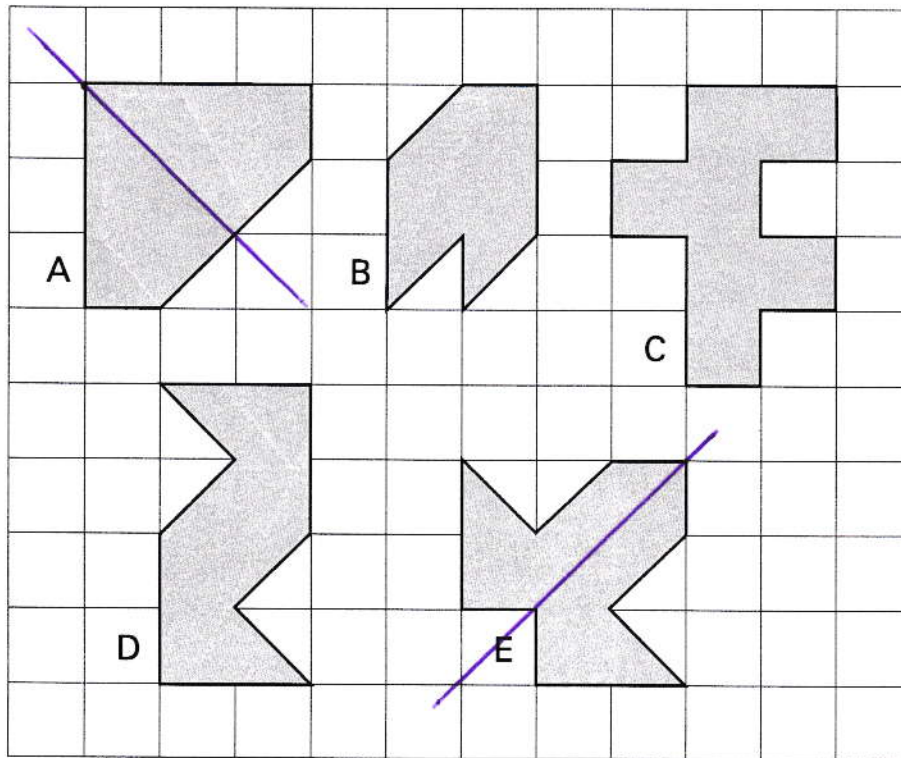
[1 mark]

13

[2004]

Here are five shapes on a square grid.

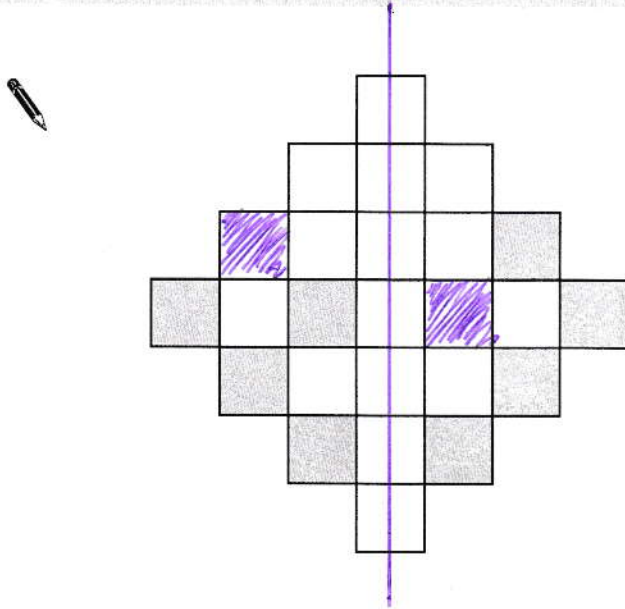Write the letters of two shapes which have a line of symmetry.

. . . . A . . and . . E . .

[1 mark]

14

[2003]

Here is a grid with eight squares shaded in.

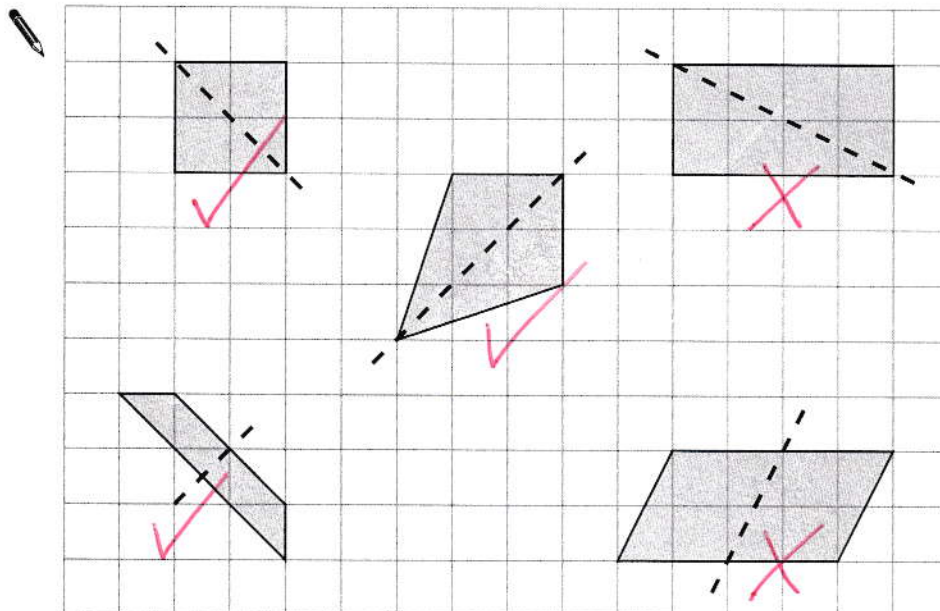**Shade in two more squares to make a symmetrical pattern.**

[1 mark]

15

[2009]

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.
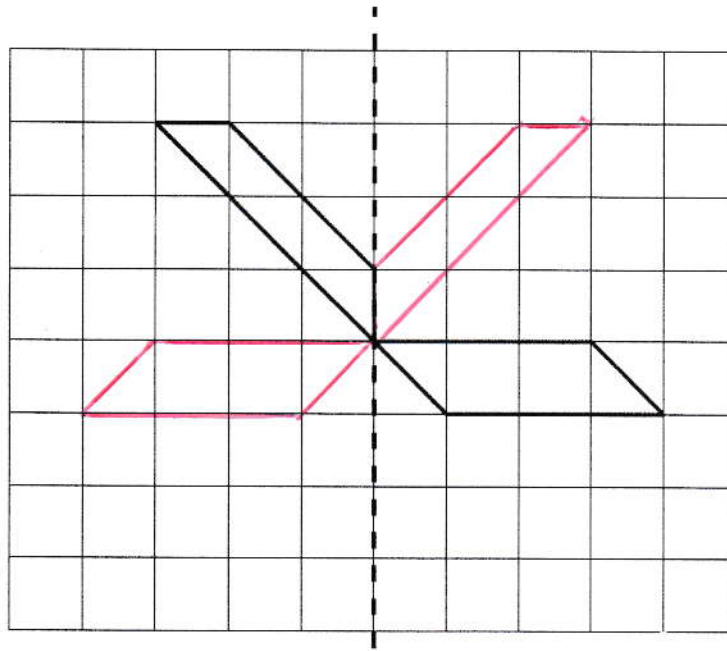Put a cross (✗) if it is not a line of symmetry.

[1 mark]

16

[2012]

Here is a design on a square grid.

Complete the design so that it is symmetrical about the mirror line.
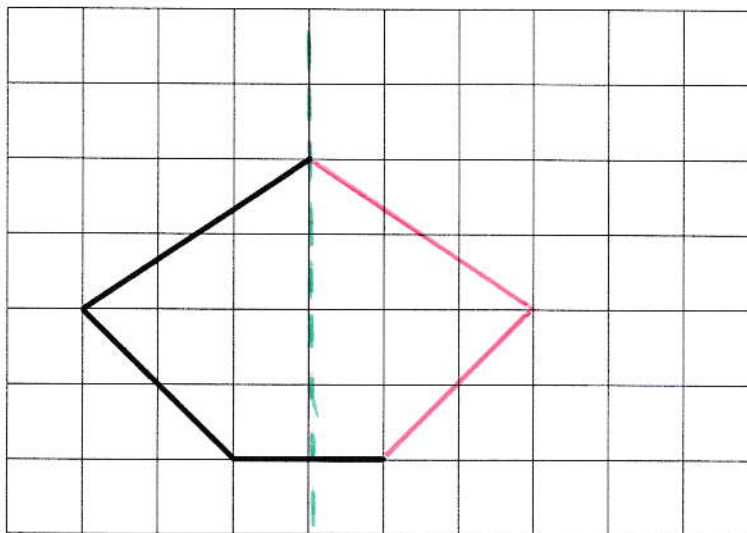
Use a ruler.

mirror line

[1 mark]

17

[2005]

Here is part of a shape on a square grid.

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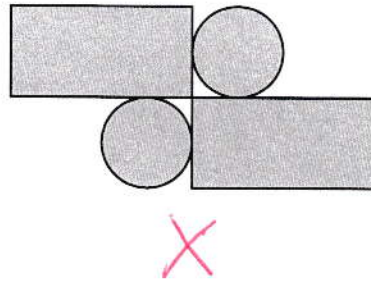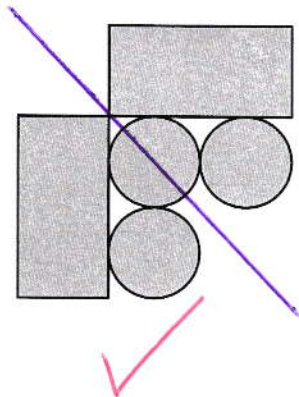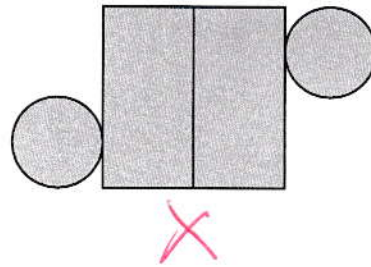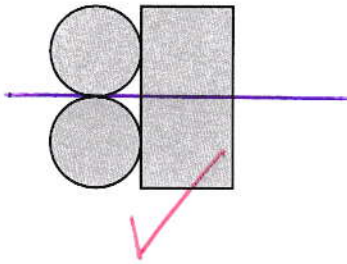
Use a ruler.

mirror line

[1 mark]

18

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.

✓

✗
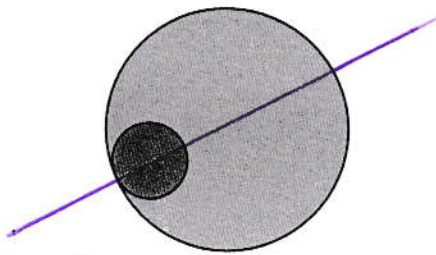
✓

✗

[1 mark]

19

[2013]
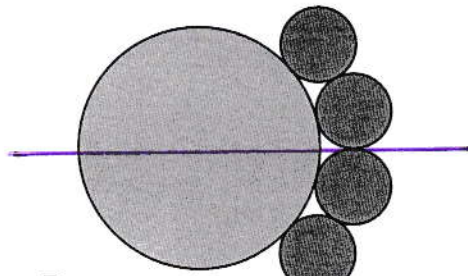
Here are four designs made from two sizes of circles.
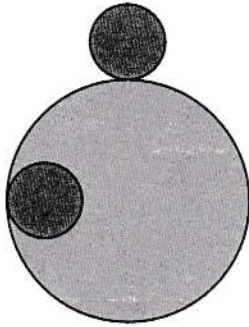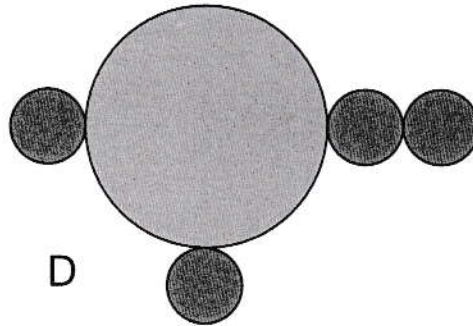

A

B

C

D

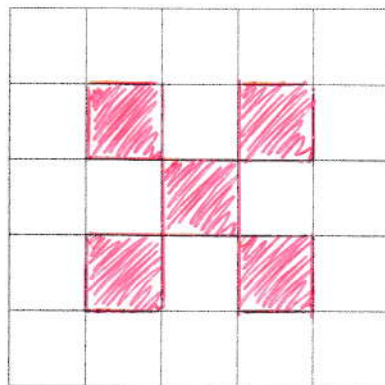Write the letters of all the designs that have line symmetry.

A, B

[1 mark]

20

[Extra]

Shade 5 squares, on the grid below, to draw a pattern that has more than one line of symmetry.
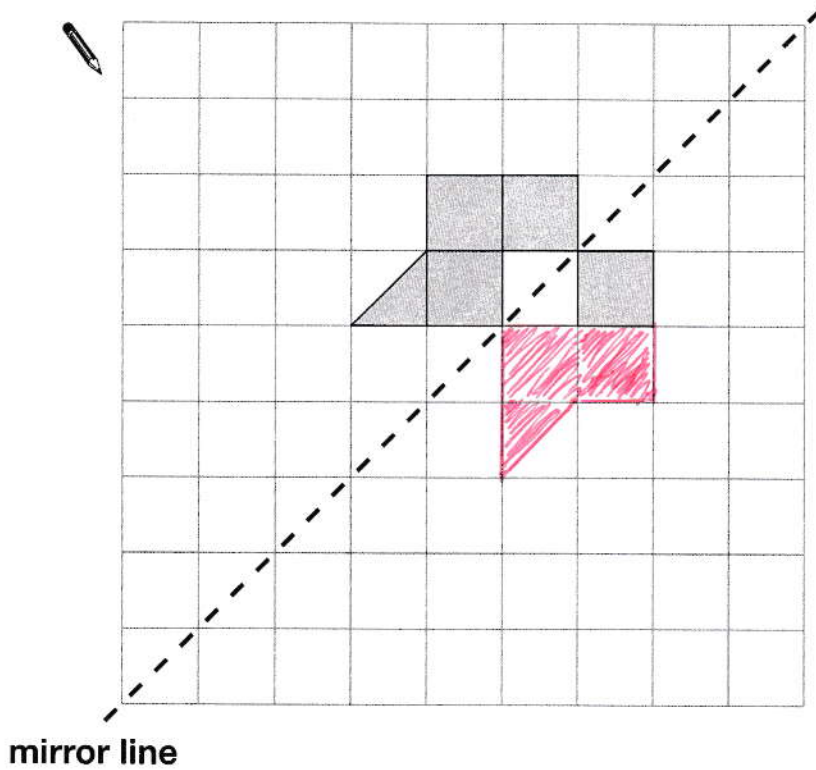

[LOTS OF OTHER POSSIBILITIES!]

[1 mark]

21

[2011]

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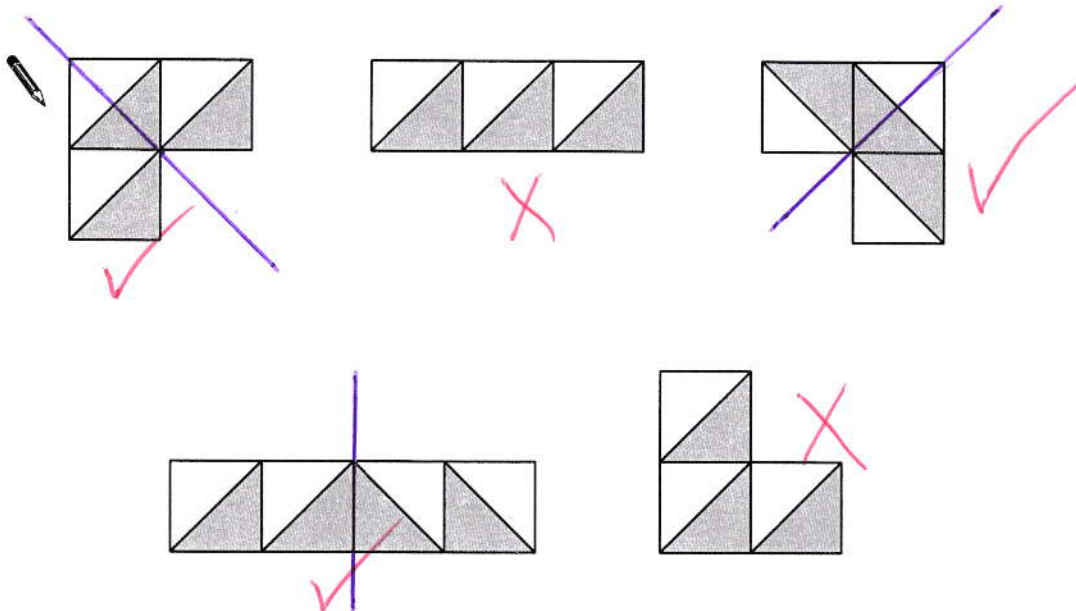

mirror line

[1 mark]

22

[2007]

Here are five patterns.

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

[2 marks]