



Name: _____ **Date:** _____ **Score:** _____ / 31

1 How many lines of symmetry does a square have? (1 mark)

Answer _____

2 Write down the number of lines of symmetry of each letter.

- a. H
- b. A
- c. S

(3 marks)

Answer _____

3 a. Write down the number of lines of symmetry of a square.
b. Write down the number of lines of symmetry of a rectangle that is not a square. (2 marks)

Answer _____

4 Write down the number of lines of symmetry of
a. a regular pentagon
b. a rectangle that is not a square (2 marks)

Answer _____

5

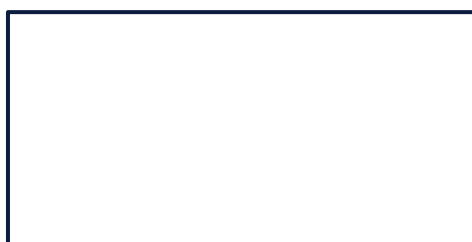
- a. Write down the order of rotational symmetry of a regular hexagon.
- b. Write down the number of lines of symmetry of a regular hexagon.

(2 marks)

Answer _____

6

- The diagram shows a rectangle that is not a square.
Draw all the lines of symmetry on the rectangle.



(2 marks)

Answer _____

7

- Chen says, "A rectangle has 4 lines of symmetry."
Is Chen correct? Give a reason.

(2 marks)

Answer _____

8

- Write down the name of a quadrilateral that has
- a. exactly one line of symmetry
 - b. no lines of symmetry

(2 marks)

Answer _____

- 9 The grid has 2 rows and 4 columns. A dotted vertical line of symmetry runs between column 2 and column 3. Squares shaded so far are shown in the table (S = shaded, blank = not shaded).

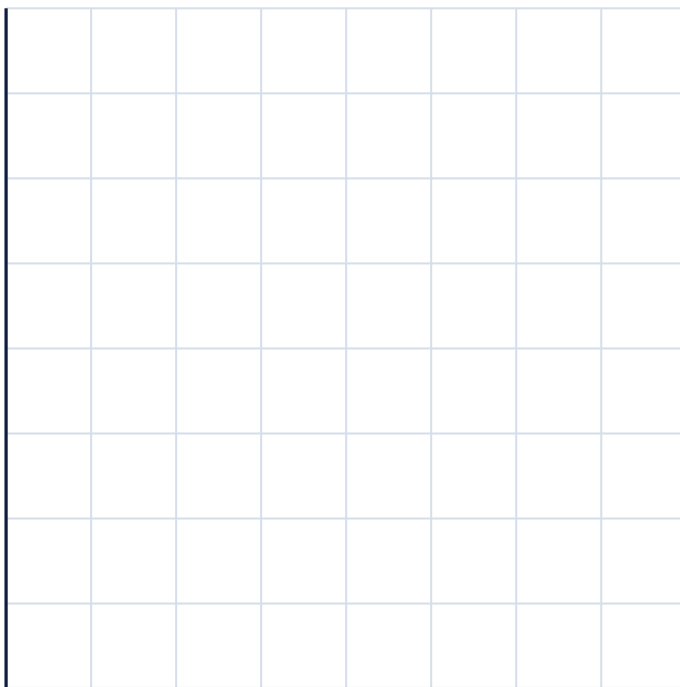
	Col 1	Col 2	Col 3	Col 4
Row 1	S	S		
Row 2	S			

Which squares must also be shaded so the pattern is symmetrical about the dotted line?
Give each as (row, column).

(2 marks)

Answer _____

- 10 On the centimetre grid, draw a quadrilateral that has exactly two lines of symmetry and no right angles.



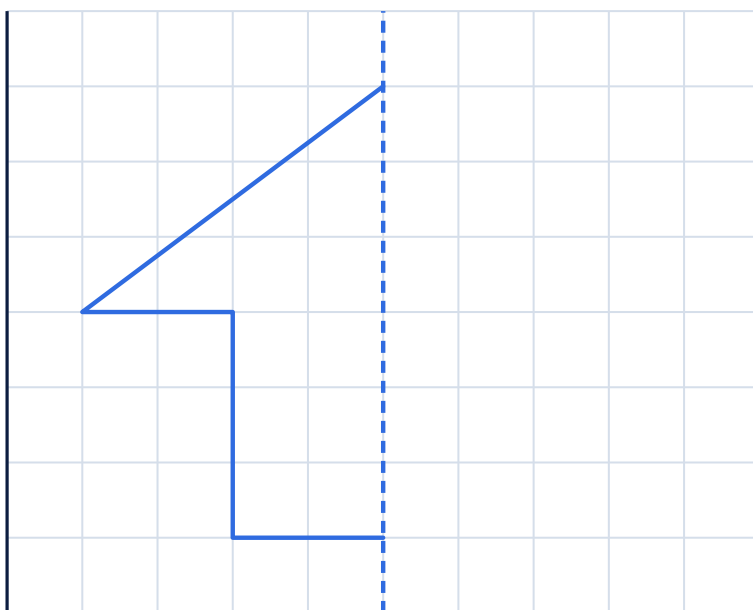
(2 marks)

Answer _____

11

The diagram shows part of a shape drawn on a centimetre grid, together with a dashed vertical line.

Complete the shape so that the dashed line is a line of symmetry of the completed shape.



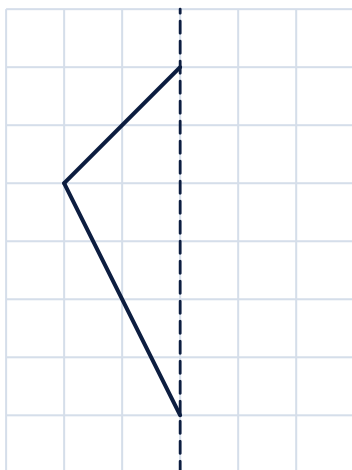
(2 marks)

Answer

12

Here is the left half of a shape. The dotted line is a line of symmetry.

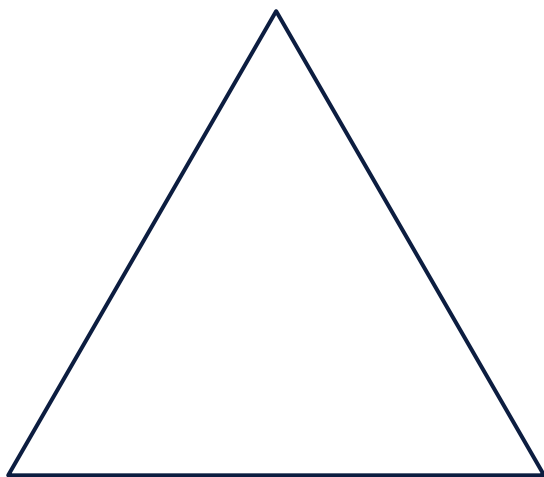
- Complete the shape so that the dotted line is a line of symmetry.
- Write down the mathematical name of the shape you have drawn.



(3 marks)

Answer _____

- 13** The diagram shows an equilateral triangle.
- Draw all the lines of symmetry on the triangle.
 - How many lines of symmetry does it have?



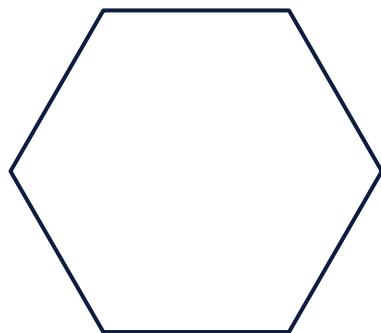
(3 marks)

Answer _____

14

The diagram shows a regular hexagon.

- Draw all the lines of symmetry on the hexagon.
- Write down the number of lines of symmetry of a regular hexagon.



(3 marks)

Answer _____

End of questions | Total 31 marks