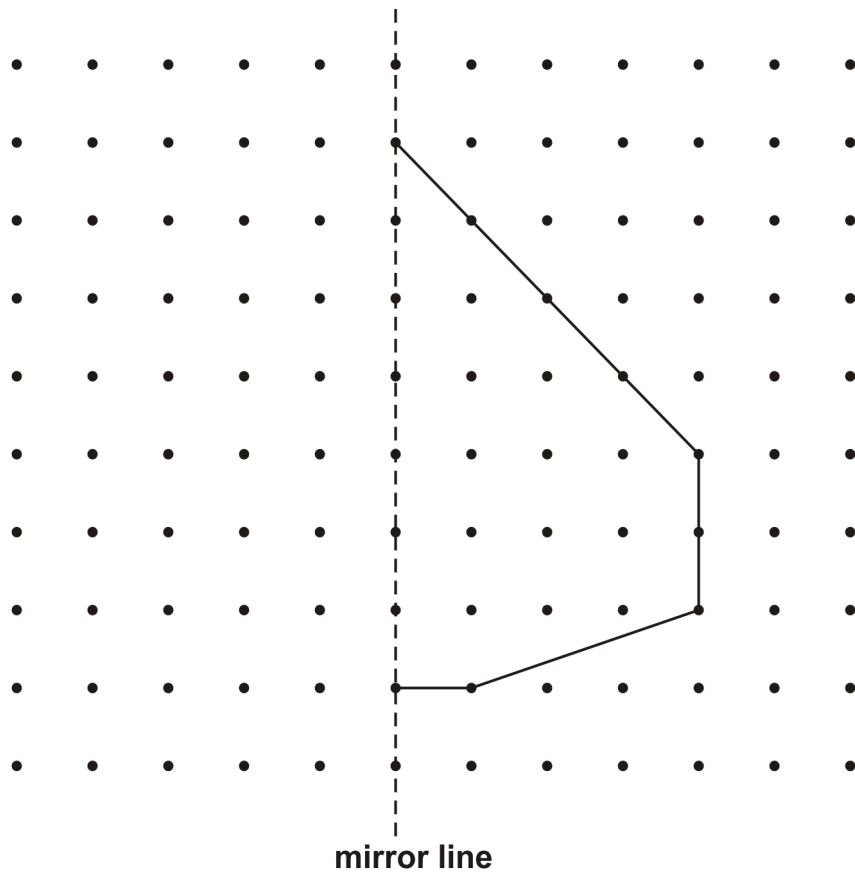


1.

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

You may use a mirror and tracing paper.



1 mark

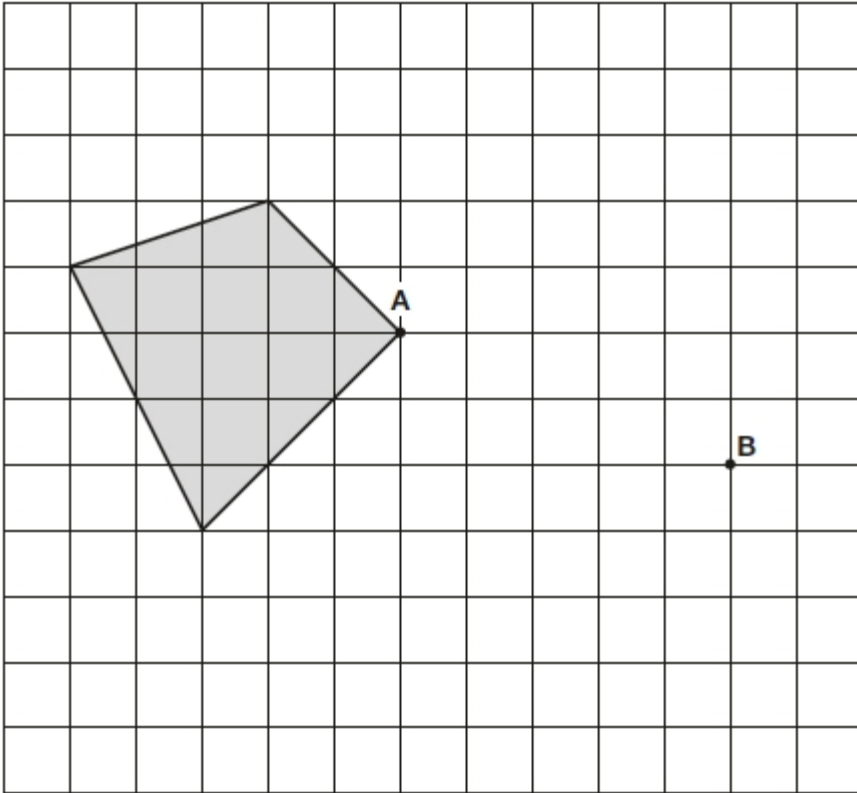
2.

Here is a shaded shape on a grid.

The shape is translated so that point **A** moves to point **B**.

Draw the shape in its new position.

Use a ruler.



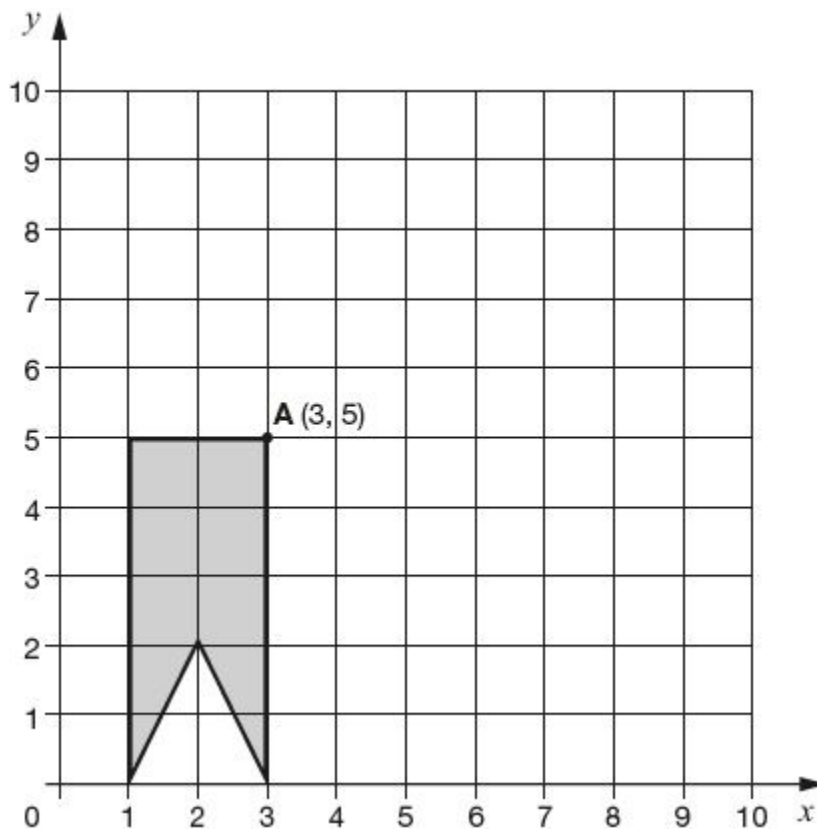
2 marks

3. 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.

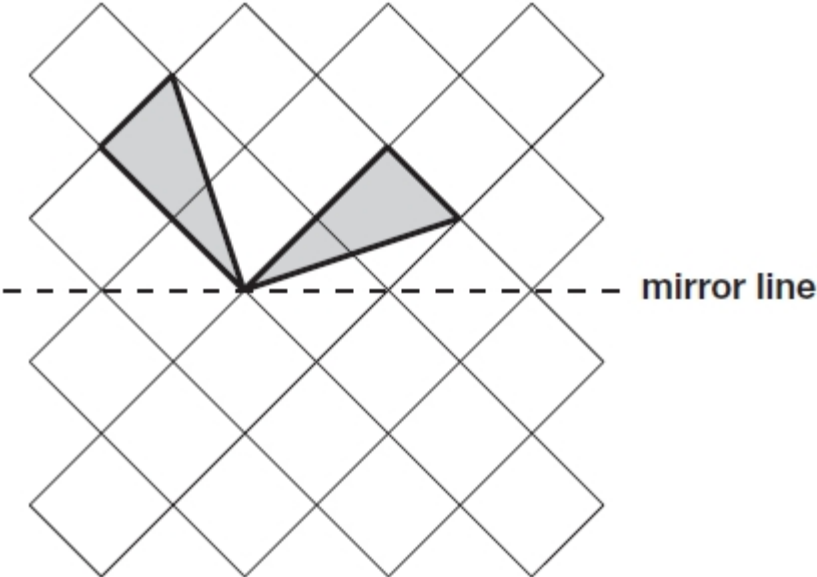


1 mark

4.

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

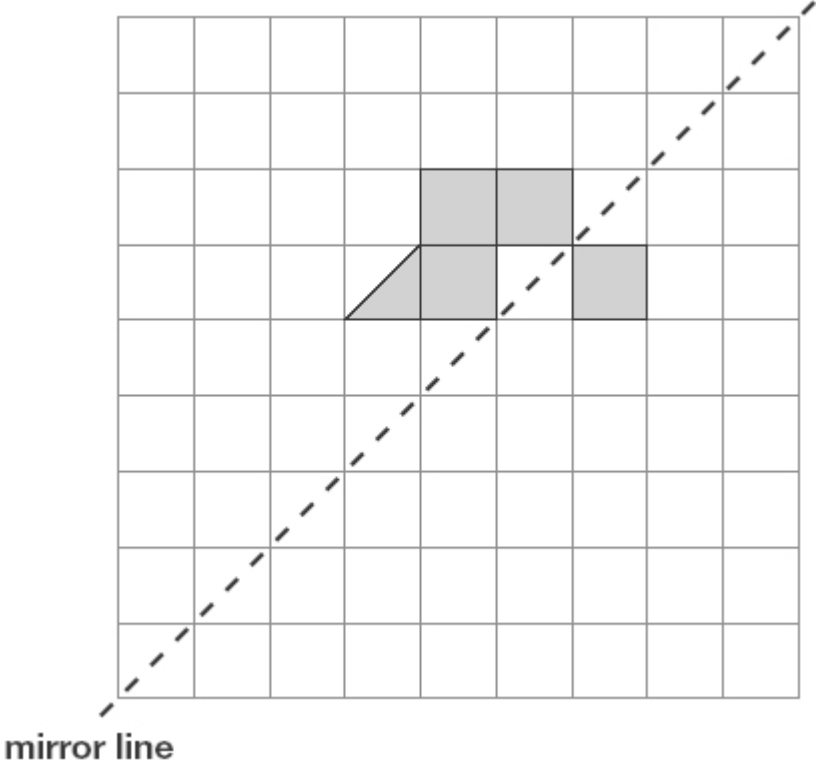
Use a ruler.



1 mark

5.

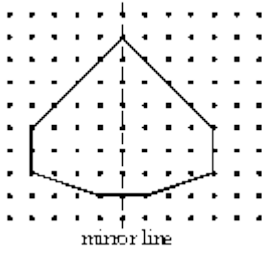
Shade **two** squares and **one** triangle to make this design symmetrical about the mirror line.



1 mark

Mark schemes

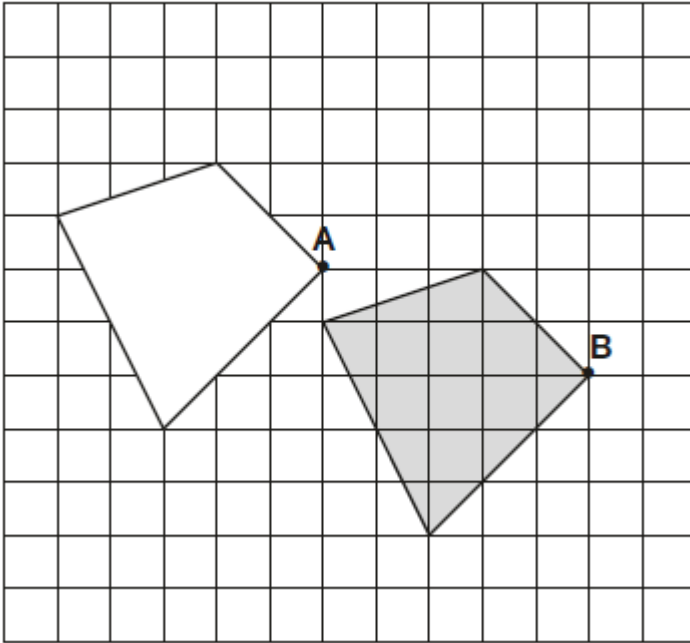
1.



[1]

2.

Award **TWO** marks for three vertices of the shape, excluding B, translated correctly as shown below:

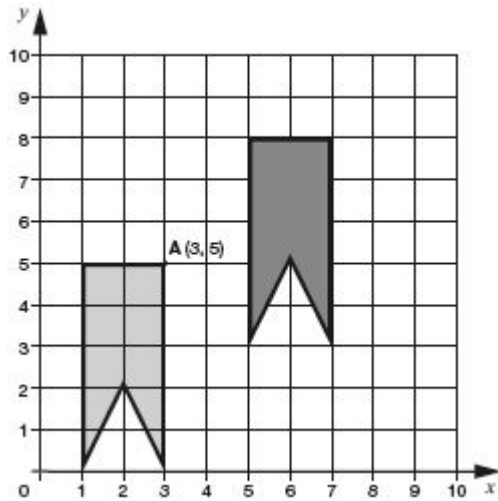


If the answer is incorrect, award **ONE** mark for two vertices, excluding B, translated correctly.
Accept slight inaccuracies in drawing provided intention is clear.

Up to 2

[2]

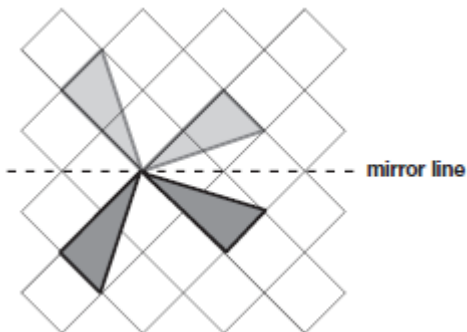
3. Shape located correctly, as shown:



Accept slight inaccuracies in drawing (see guidance).
*Shape need not be shaded for the award of **ONE** mark.*
Accept slight inaccuracies in drawing. Refer to general marking principle 23 on page 7 for guidance (see Resource).

[1]

4. Diagram completed as shown:

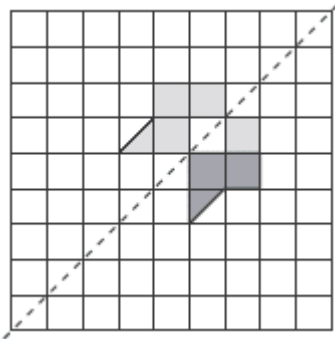


Accept slight inaccuracies in drawing.
Diagram need not be shaded.

[1]

5.

Diagram completed as shown:



mirror line

Accept inaccurate drawing provided the intention is clear.

[1]