

Total Marks (out of 18)	
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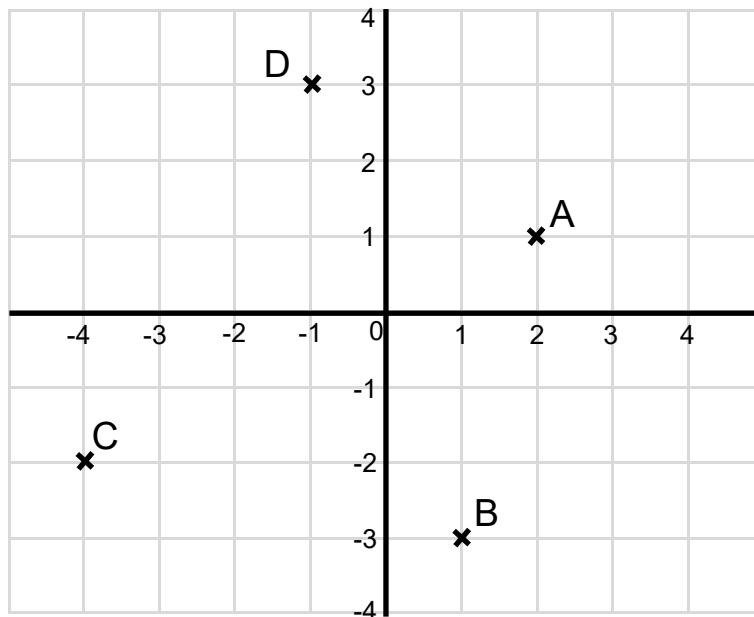
# 6.1

Name	
Date	

**Section 1:**

**describe positions on the full coordinate grid (all four quadrants)**

**1**



Write the coordinates of the points on the grid.

A = (     ,     )

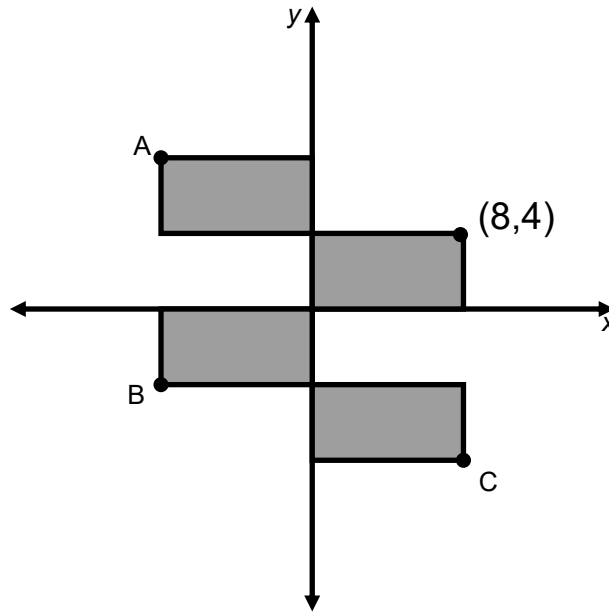
B = (     ,     )

C = (     ,     )

D = (     ,     )

4 marks

2 Here are 4 **identical rectangles** on a coordinate grid.

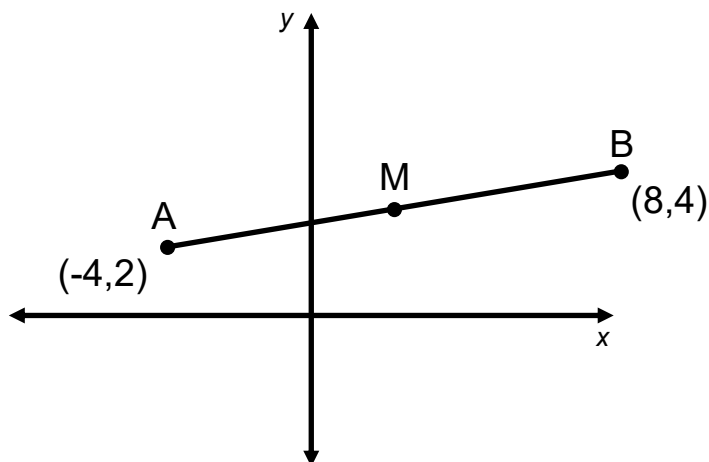


Write the missing coordinates.

$$A = ( \quad , \quad ) \quad B = ( \quad , \quad ) \quad C = ( \quad , \quad )$$

3 marks

3 **M** is the **midpoint** of the line **AB**.



Write the missing coordinates of point M.

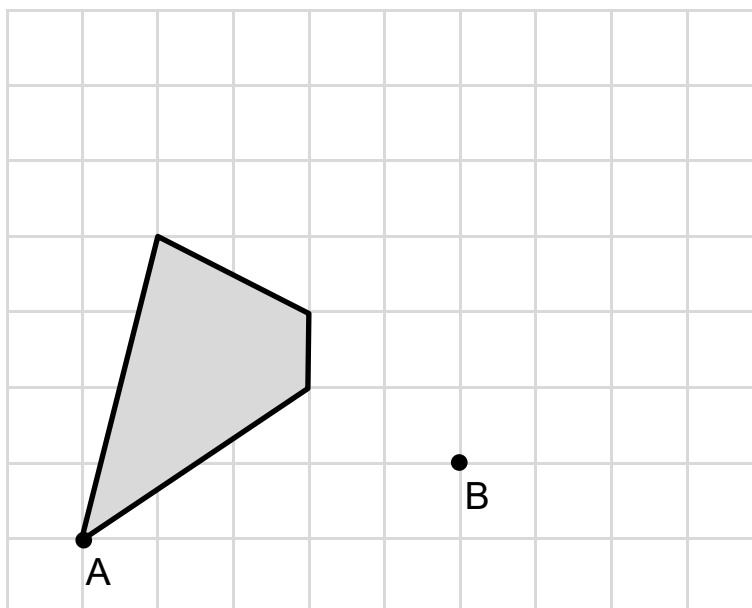
$$M = ( \quad , \quad )$$

1 mark

**Section 2:**

draw and translate simple shapes on the coordinate plane, and reflect them in the axes.

- 4 Here is a quadrilateral on a square grid.

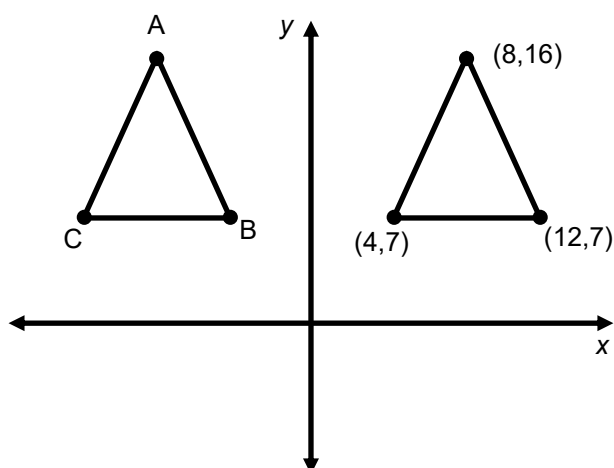


The quadrilateral is translated so that point A moves to point B

Draw the quadrilateral in its new position. Use a ruler.

2 marks

- 5 A triangle is reflected in the y axis.



Write the coordinates of the reflected triangle.

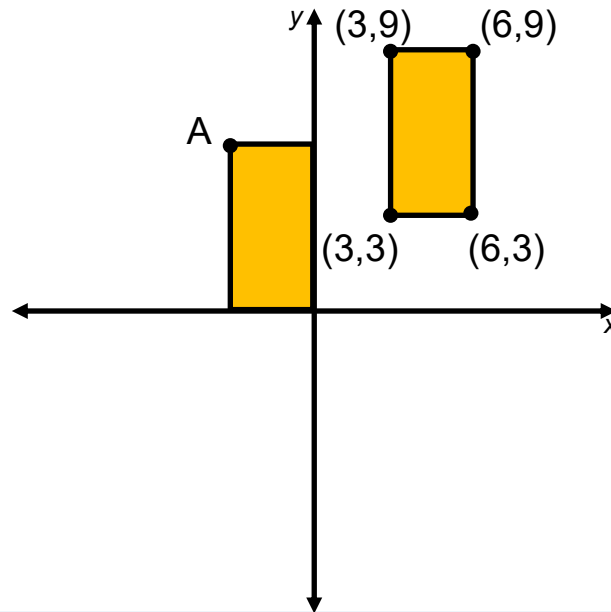
A = (     ,     )

B = (     ,     )

C = (     ,     )

3 marks

- 6 A rectangle has been translated on a coordinate grid.

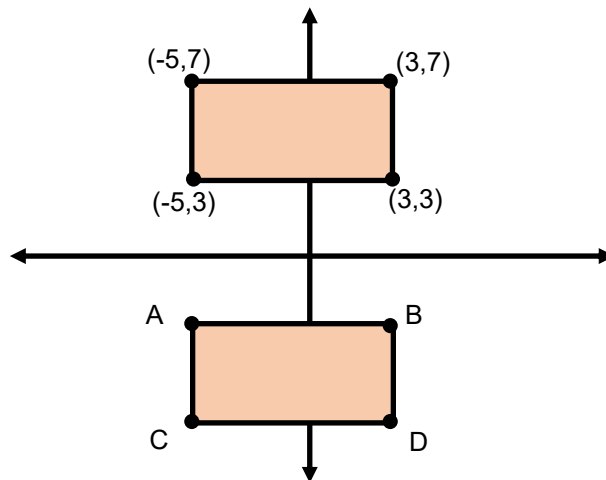


Write the coordinates of point A.

$$A = ( \quad , \quad )$$

1 mark

- 7 A rectangle has been reflected in the x-axis.



Write the coordinates of the reflected rectangle.

$$A = ( \quad , \quad )$$

$$B = ( \quad , \quad )$$

$$C = ( \quad , \quad )$$

$$D = ( \quad , \quad )$$

4 marks