

Total Marks (out of 18)	
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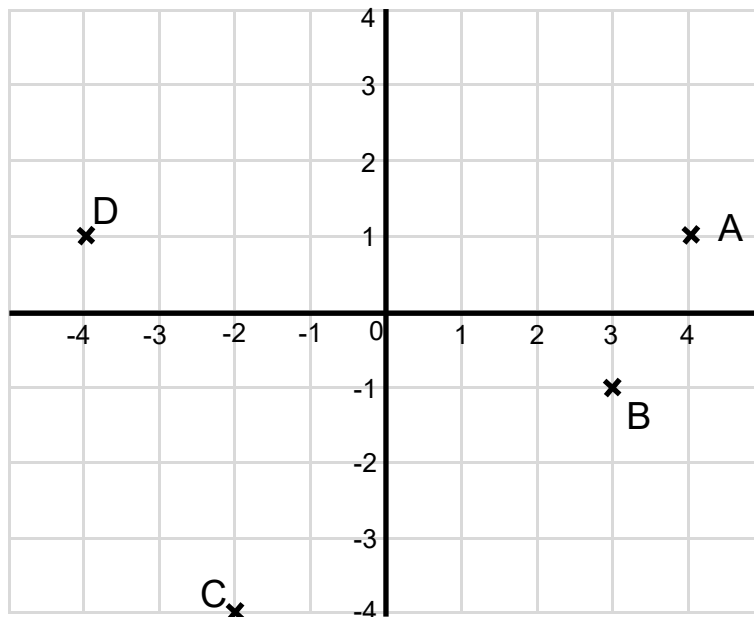
6.2

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 = (,)

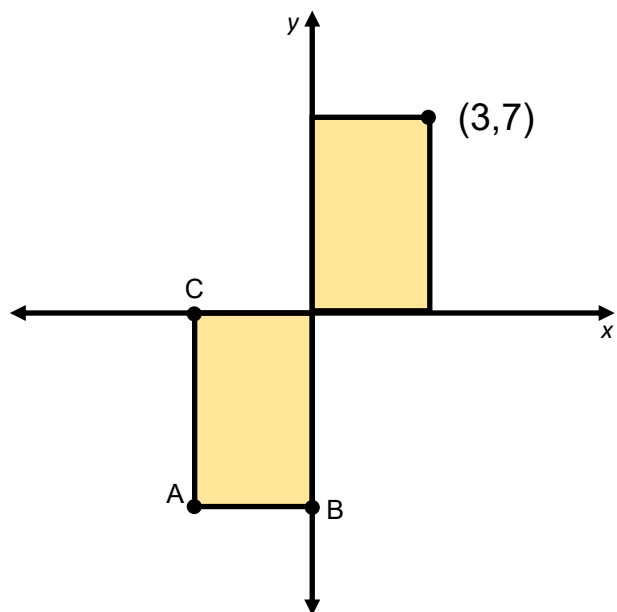
B = (,)

C = (,)

D = (,)

4 marks

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



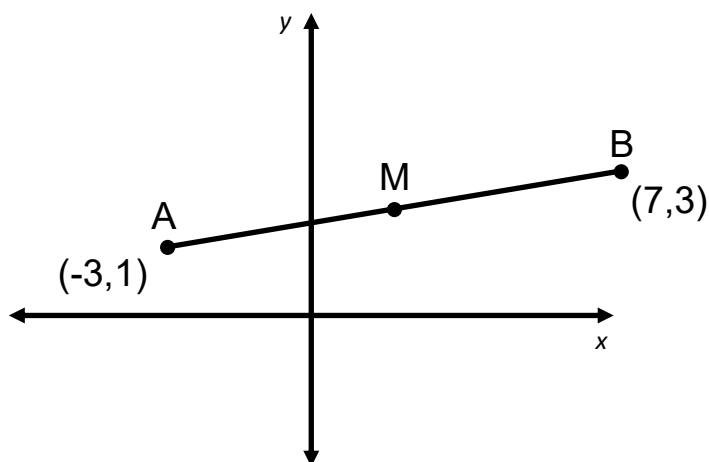
not to scale

Write the missing coordinates.

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

3 marks

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



not to scale

Write the missing coordinates of point M.

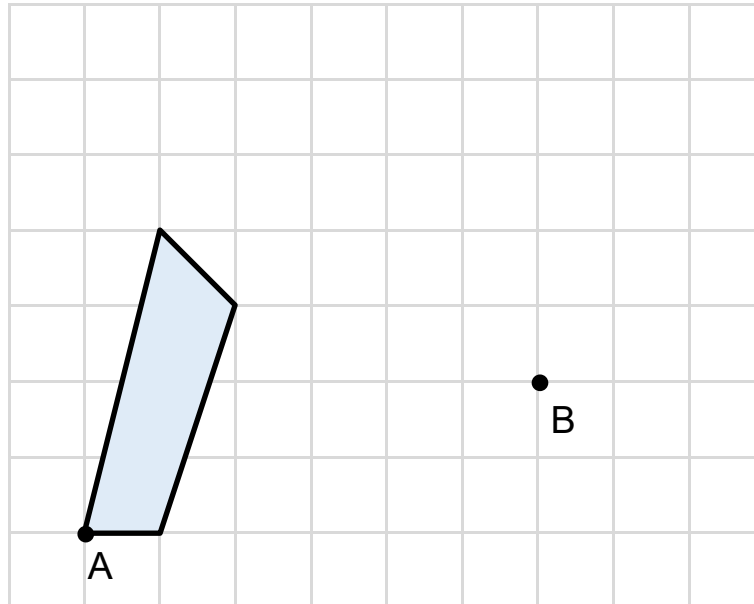
$$M = \left(\quad , \quad \right)$$

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.

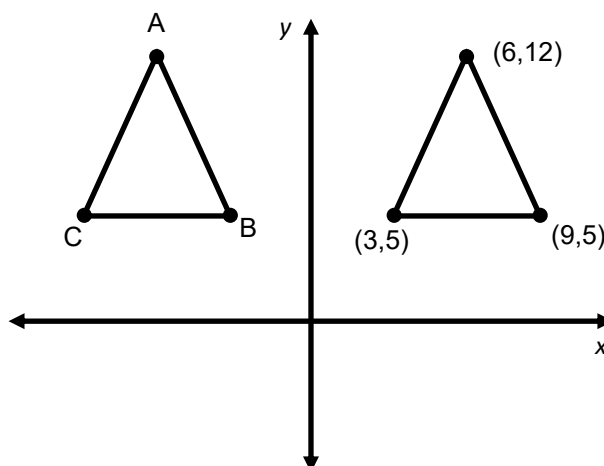


The quadrilateral is translated so that point A moves to point B

2 marks

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

- 5 A triangle is reflected in the y axis.



not to scale

Write the coordinates of the reflected triangle.

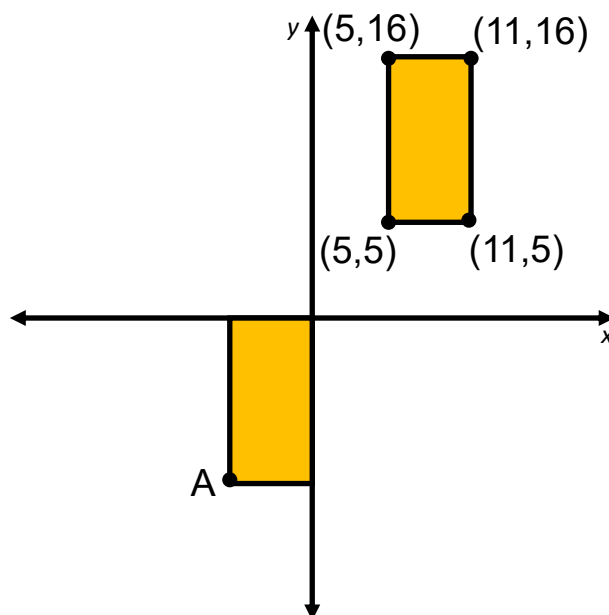
A = (,)

B = (,)

C = (,)

3 marks

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

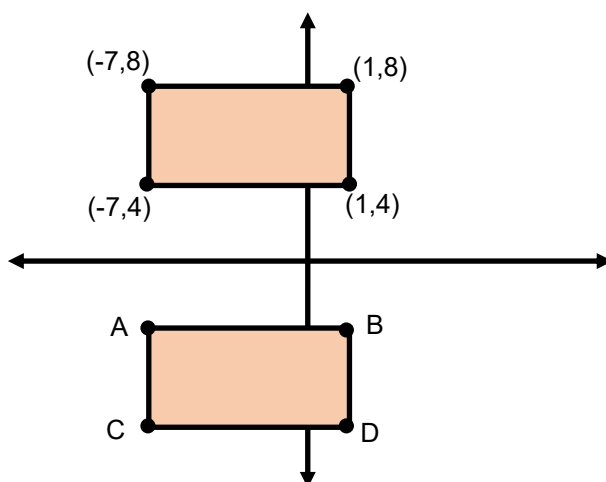


Write the coordinates of point A.

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

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