

**AQA, OCR, Edexcel**

**GCSE**

# GCSE Maths

Mid Points, Ratios and  
Coordinates Questions

Name:

**M**

**M**

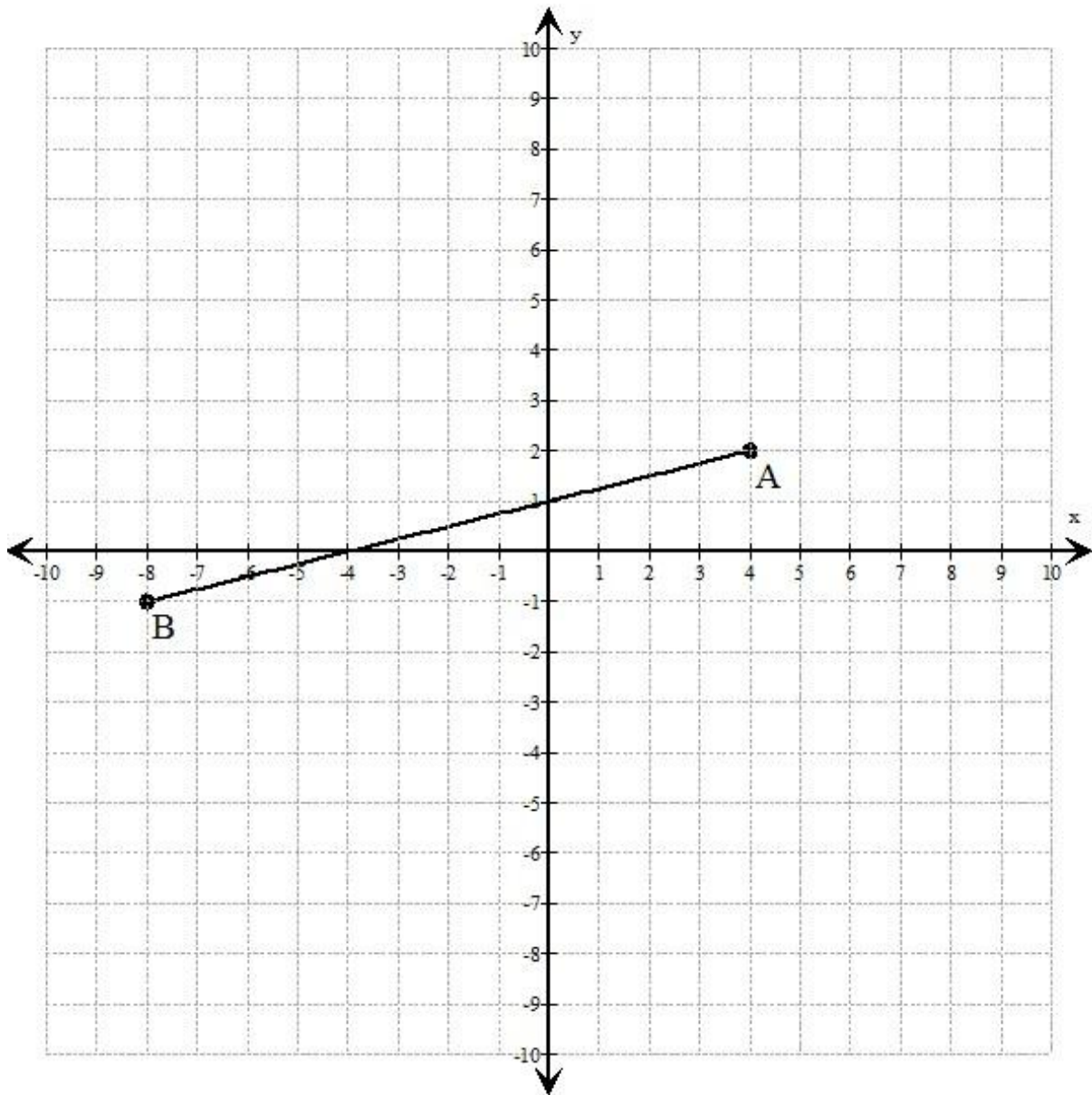
**E**

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Total Marks:     /12

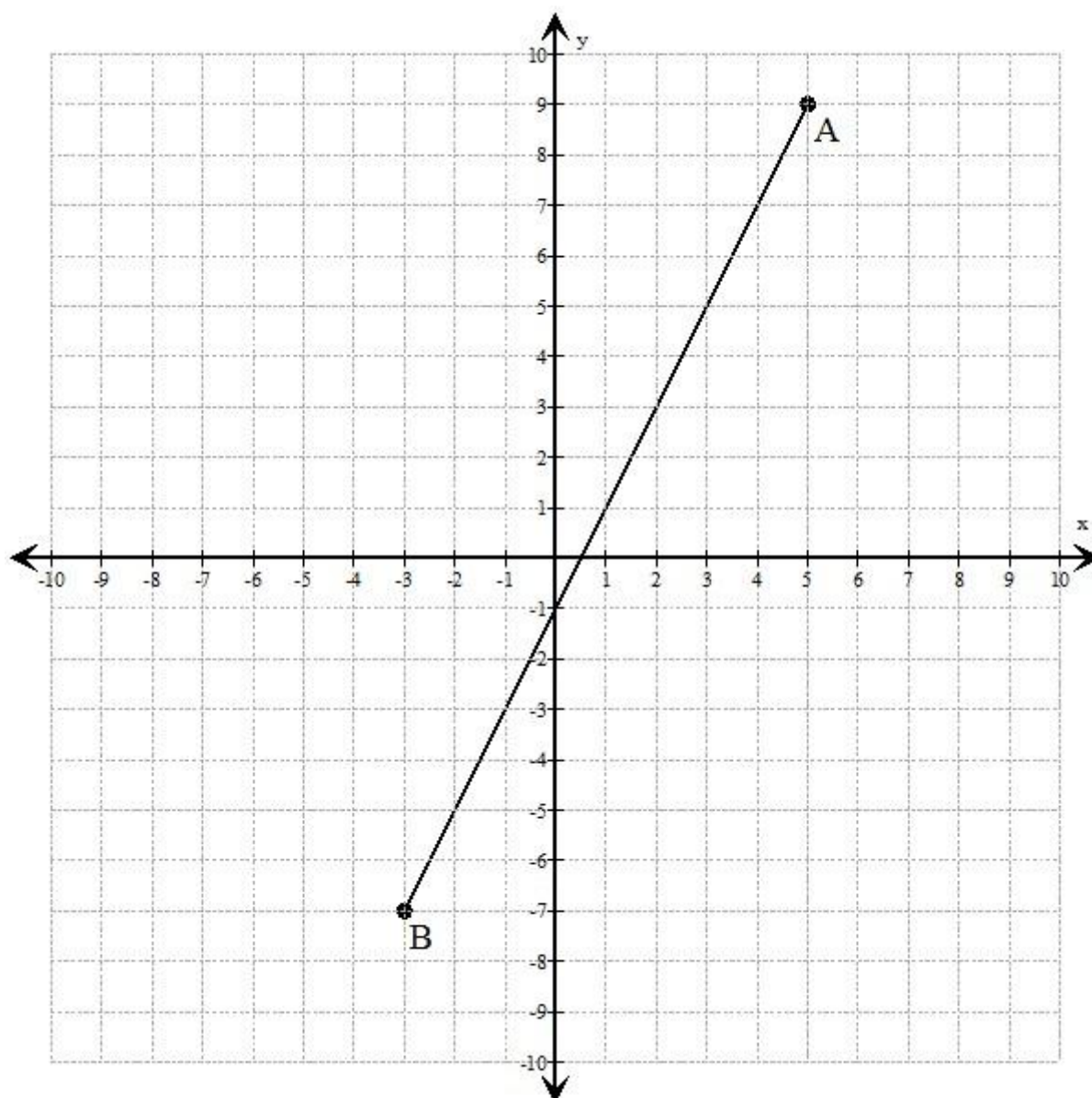
## Mid points, Ratios and Coordinates

1. M is the midpoint of the line segment AB. Find the coordinates of M.



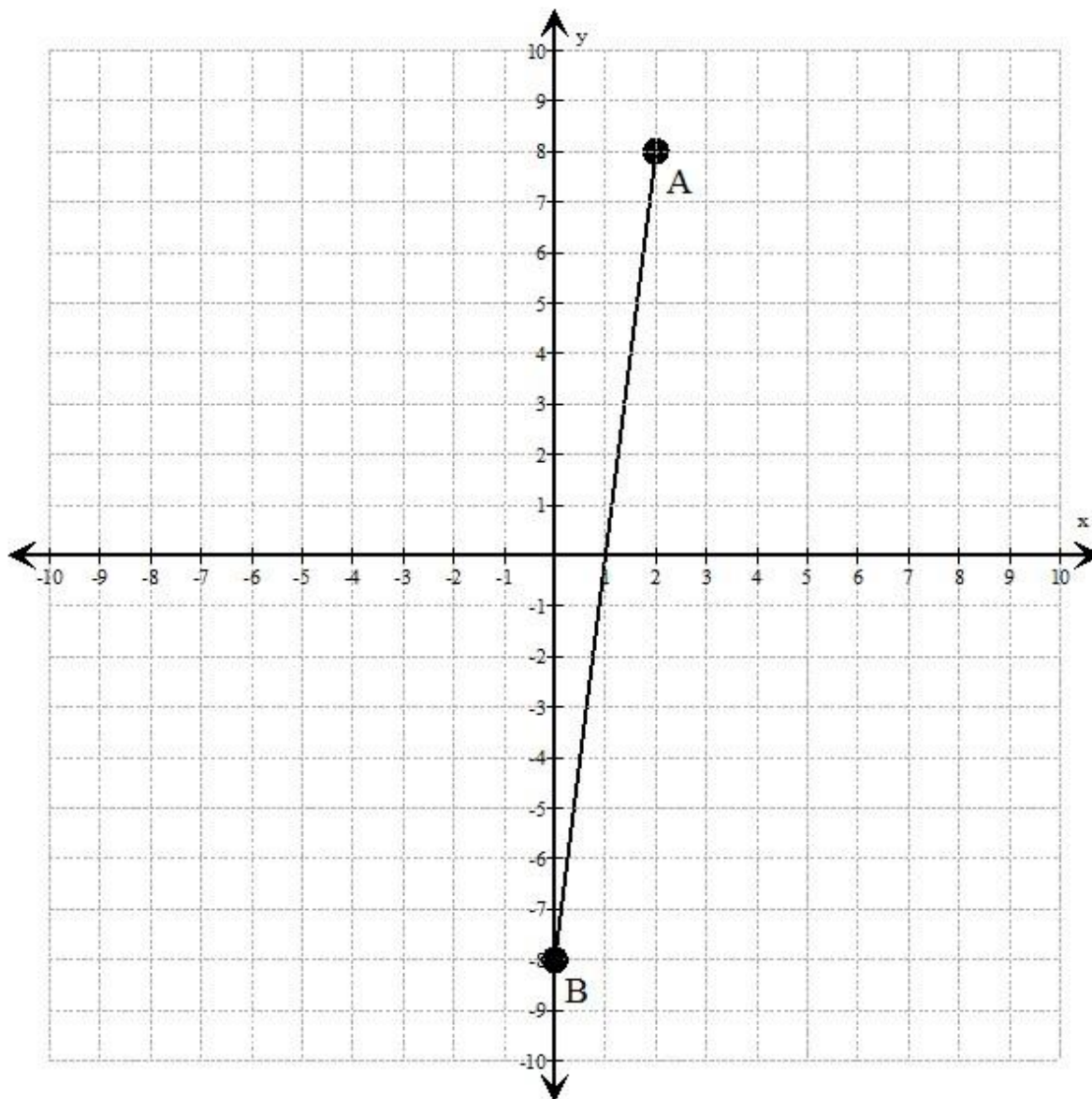
(2 Marks)

2. M is the midpoint of the line segment AB. Find the coordinates of M.



(2 Marks)

3. M is the midpoint of the line segment AB. Find the coordinates of M.



(2 Marks)

4. Point A has the coordinates (1,4) and point B has the coordinates (34,28).  
Point C lies on the line segment AB such that  $AC:CB = 1:2$ .  
Find the coordinates of point C.

(3 Marks)

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5. Point P has the coordinates  $(-10, -23)$  and point Q has the coordinates  $(100, 43)$ . Point J lies on the line segment PQ such that  $PJ:JQ = 4:7$ .  
Find the coordinates of point J.

(3 Marks)