

AQA, OCR, Edexcel

GCSE

GCSE Maths

Mid Points, Ratios and
Coordinates Answers

Name:

M

M

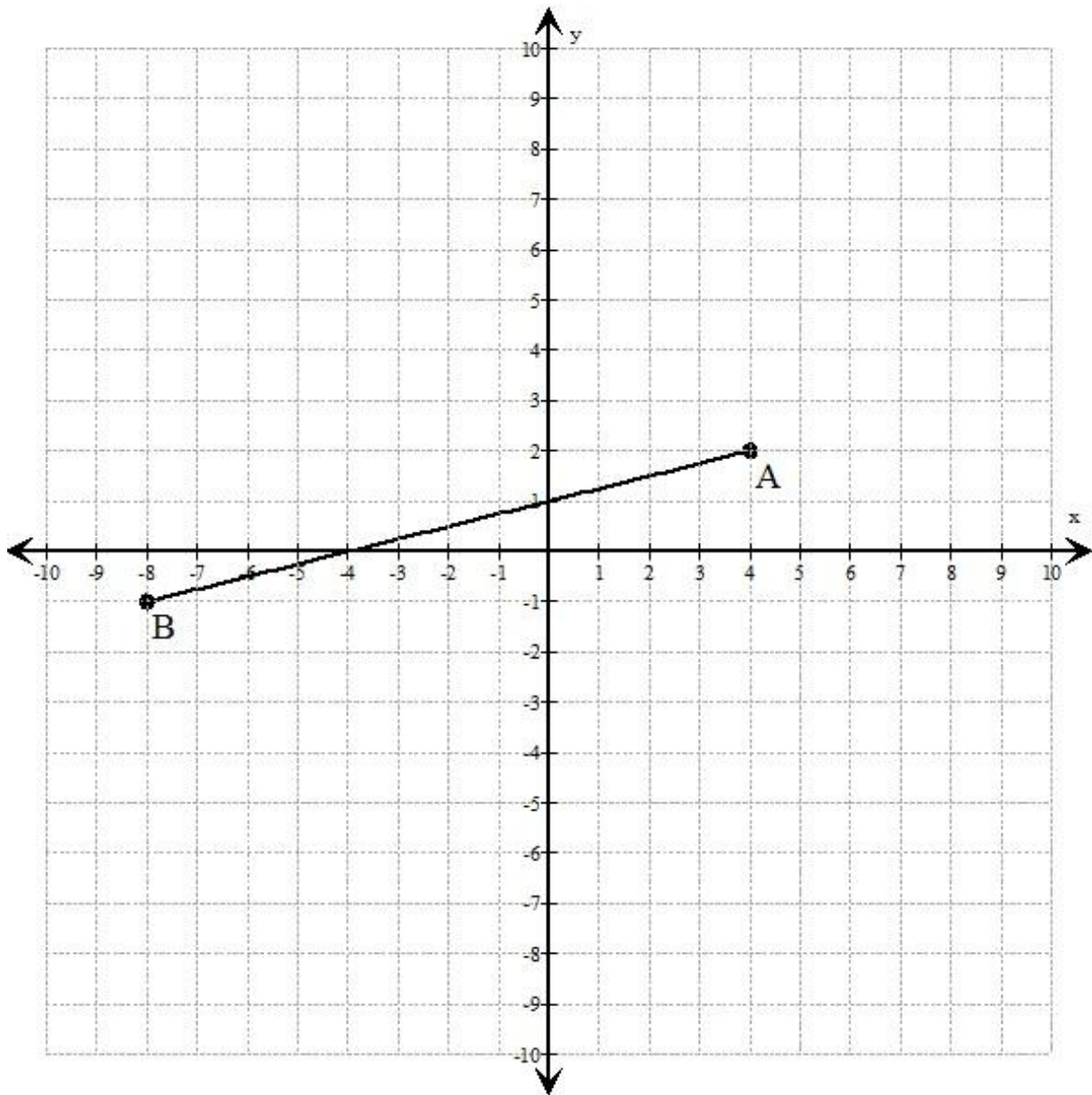
E

Mathsmadeeasy.co.uk

Total Marks: /12

Mid points, Ratios and Coordinates

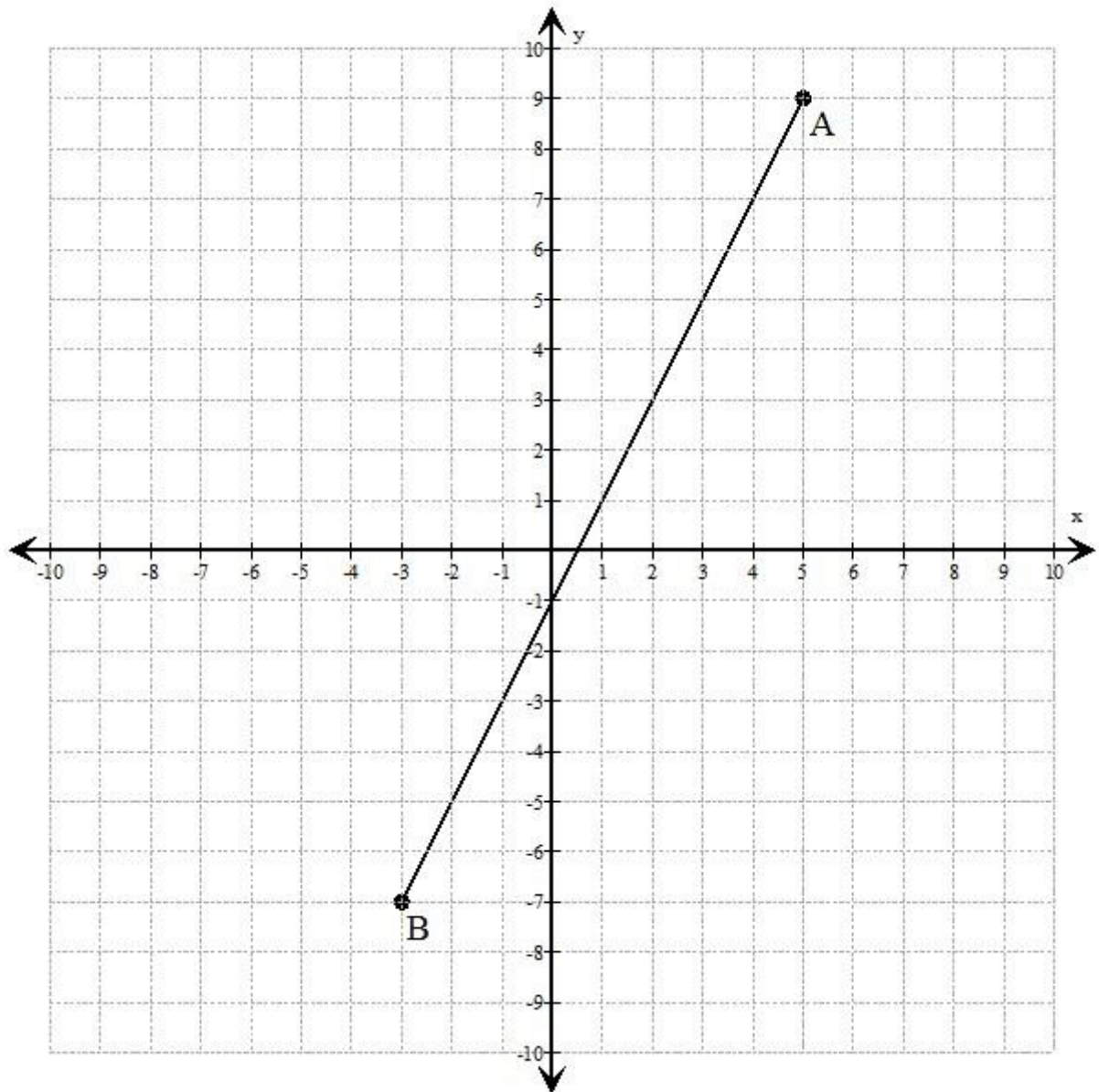
1. M is the midpoint of the line segment AB. Find the coordinates of M.



M has coordinates $(-2, \frac{1}{2})$

(2 Marks)

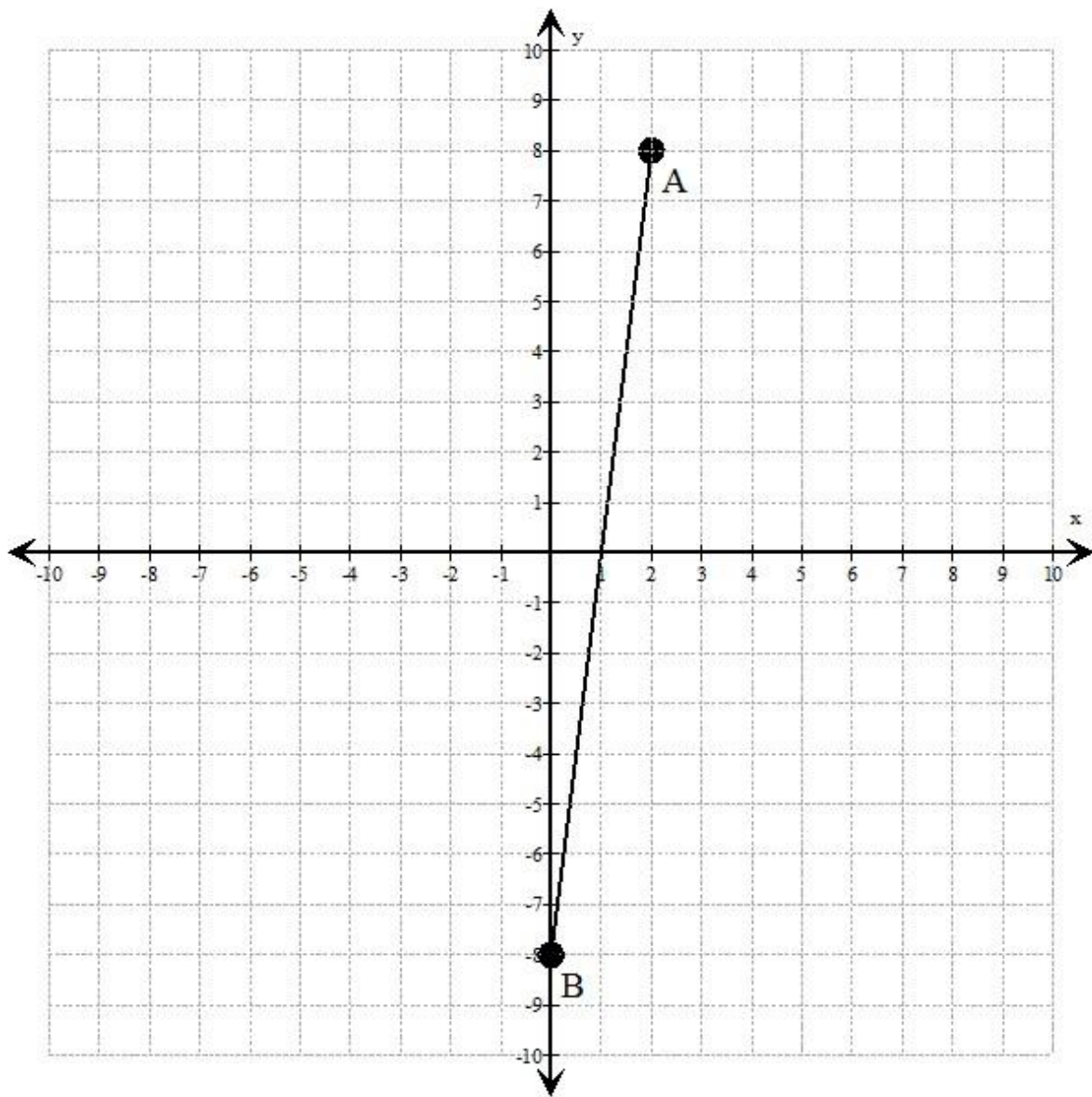
2. M is the midpoint of the line segment AB. Find the coordinates of M.



M has coordinates (1,1)

(2 Marks)

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



M has coordinates (1,0)

(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.

C has coordinates (12,12)

(3 Marks)

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.

J has coordinates (30,1)

(3 Marks)