AQA, OCR, Edexcel

GCSE

GCSE Maths

Straight Line Graphs Answers

Name:

MME
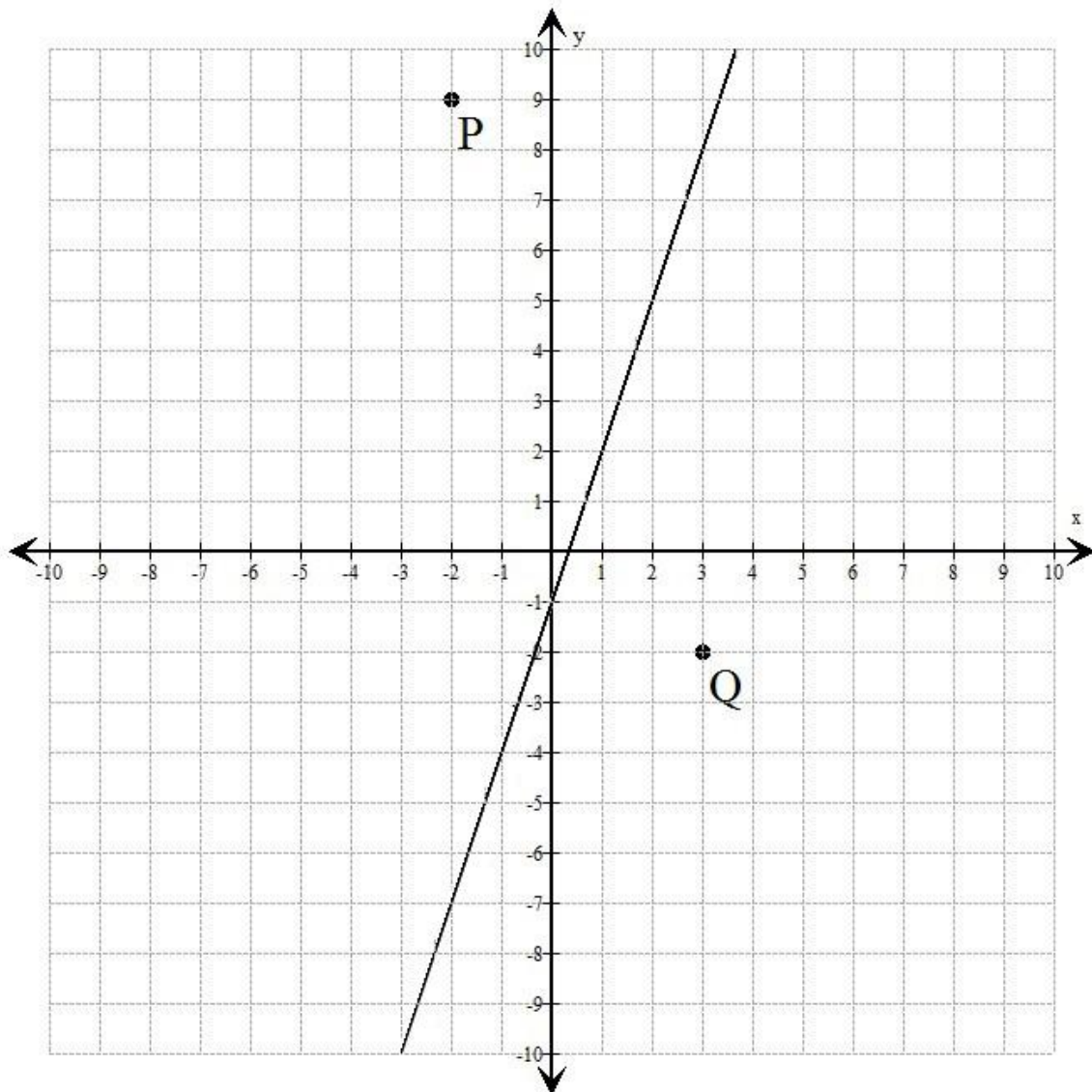Mathsmadeeasy.co.uk

Total Marks: /16

Straight Line Graphs

1. Answer parts a,b and c on the set of axes given below:
a. On the axis plot the coordinate (3,-2) and label the point Q
b. On the axis plot the coordinate (-2,9) and label the point P
c. Plot the following equation $y = 3x - 1$.

(4 Marks)

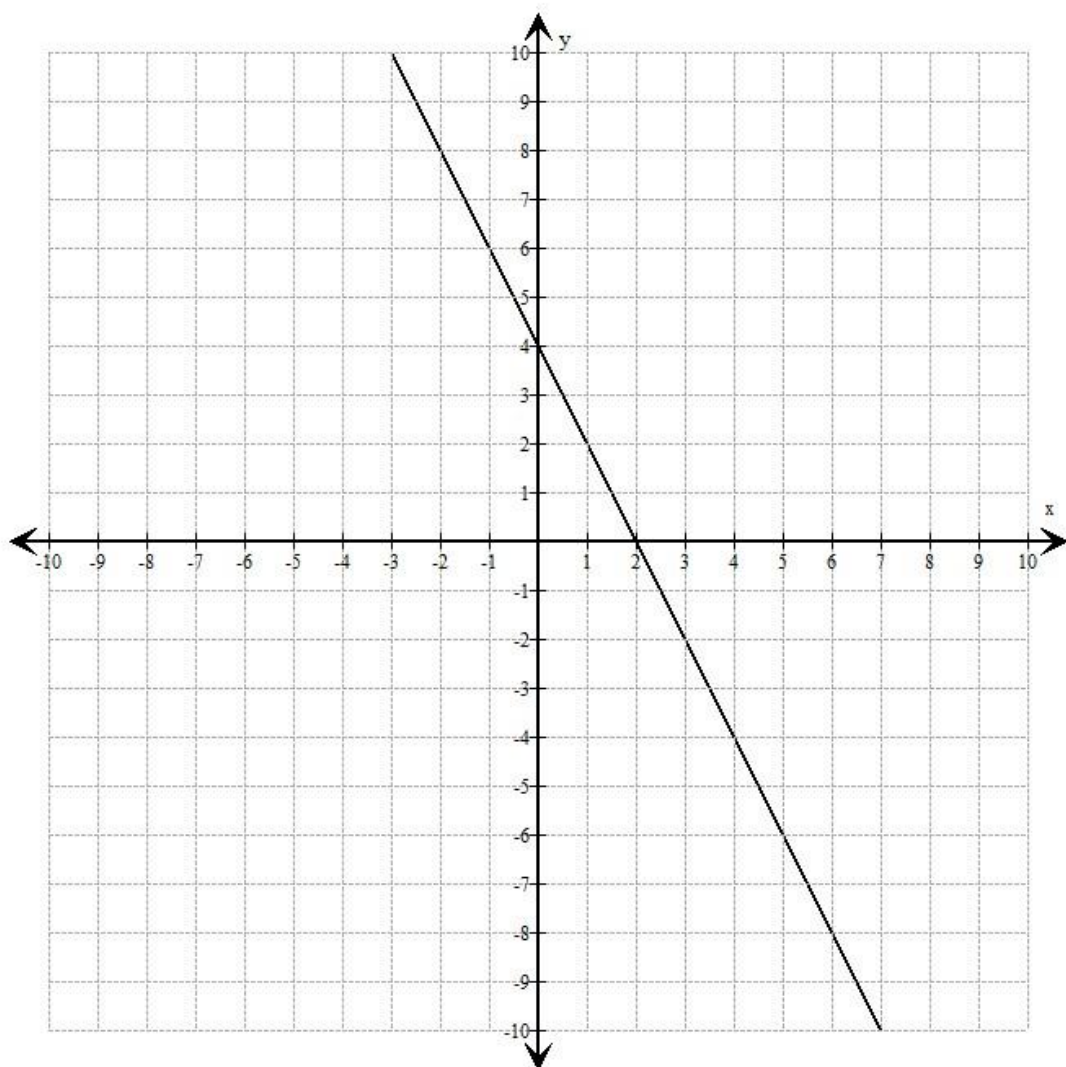2. Answer parts a,b and c on the pair of axes given below:
   a. Plot the following equation $y = -2x + 4$
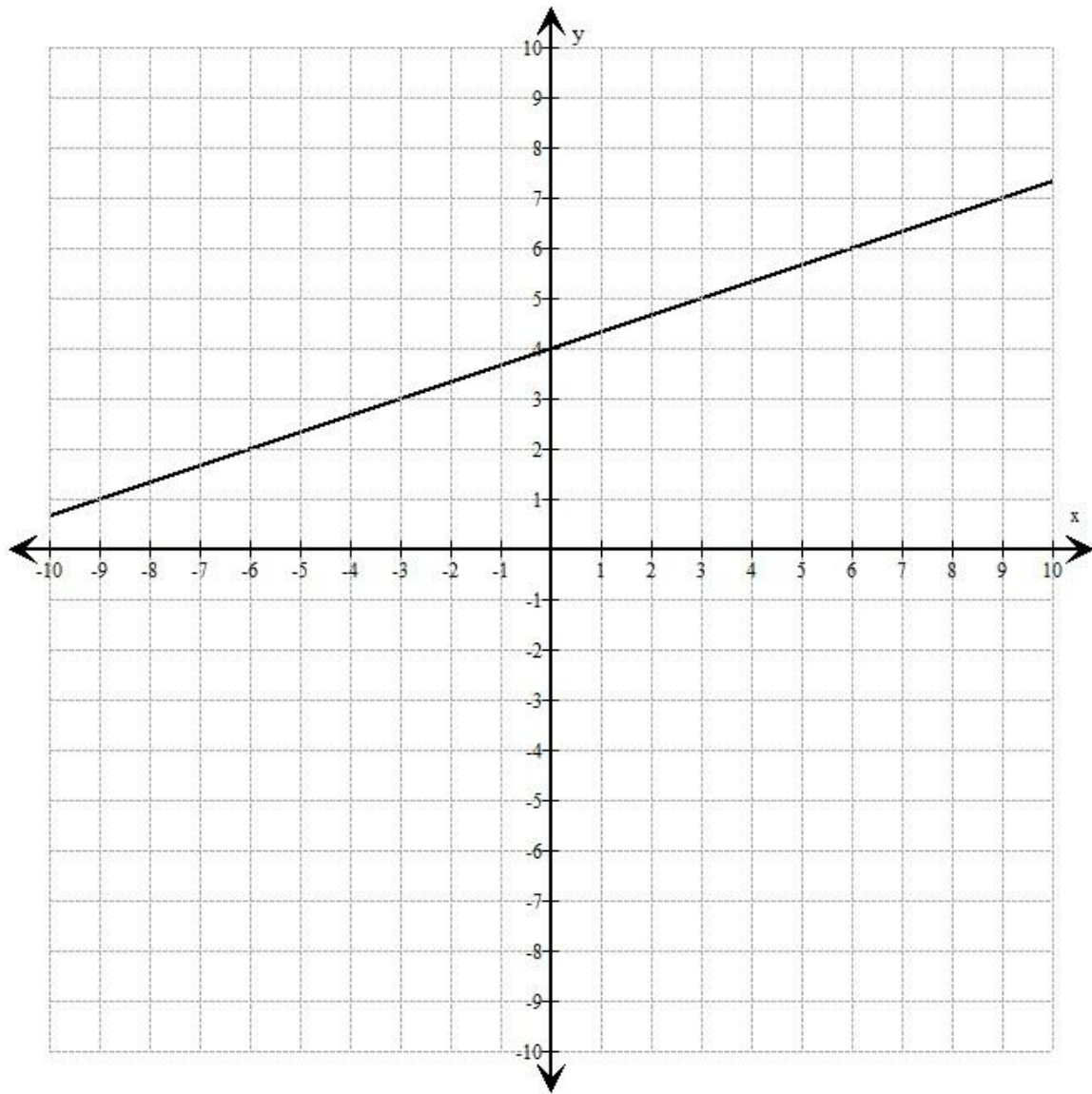   b. Find the value of x when $y = -1.5$

   $x = \frac{11}{4}$

   c. Find the value of y when $x = 2.5$
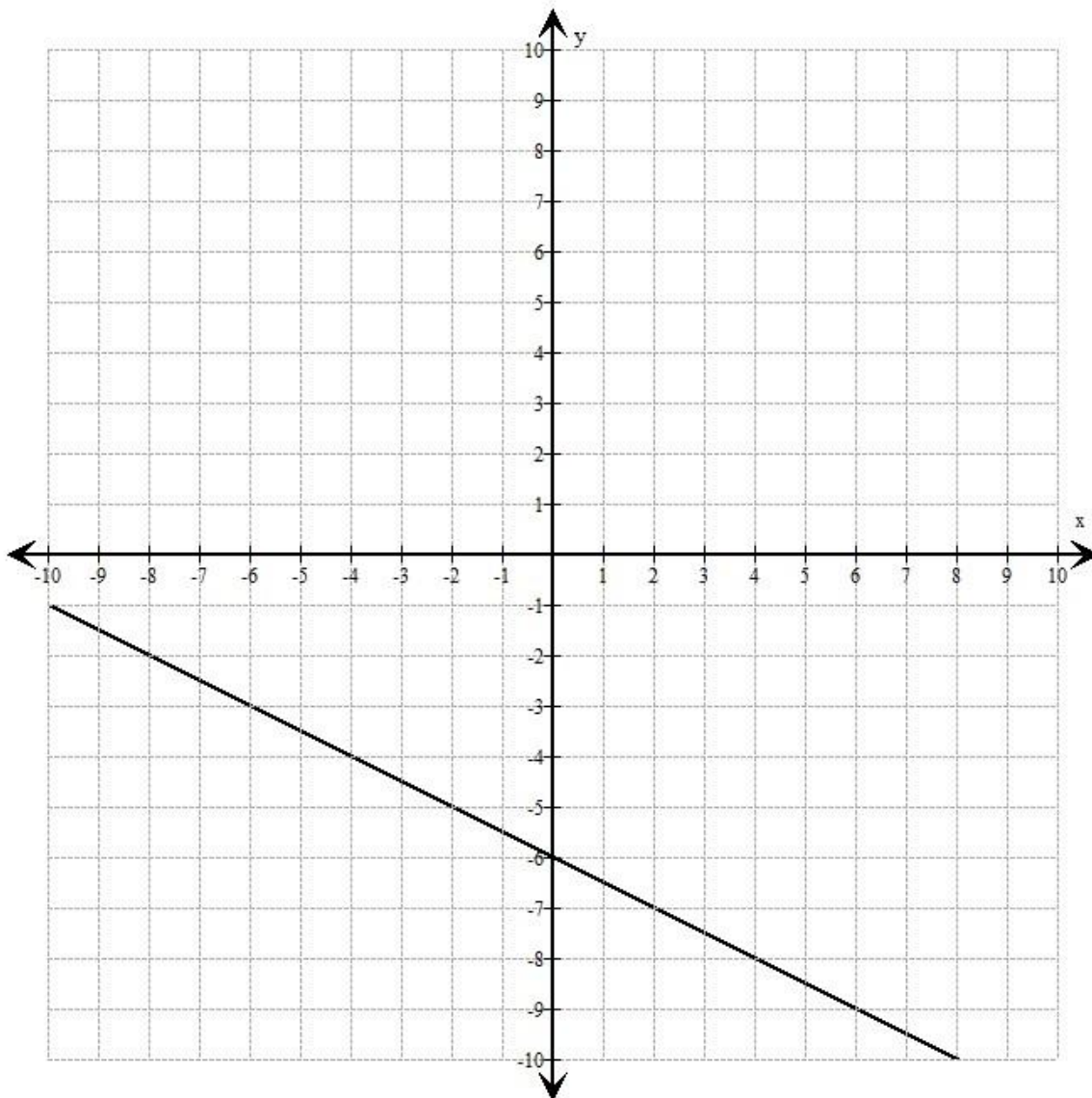
   $y = -1$

(4 Marks)

3. Find the gradient of the line plotted below. $m = \dfrac{1}{3}$

(2 Marks)

4. Find the gradient of the line plotted below. $m = -\frac{1}{2}$

(2 Marks)

5. Write down the gradient of the straight line with equation $3y = 2(3 - 2x)$.

$$m = -\frac{4}{3}$$

(2 Marks)

6. Write down the gradient of the straight line with equation $2 = 2y + 3x$.

$$m = -\frac{3}{2}$$

(2 Marks)