

**AQA, OCR, Edexcel**

**GCSE**

# GCSE Maths

## Straight Line Graphs Questions

Name:

**M**

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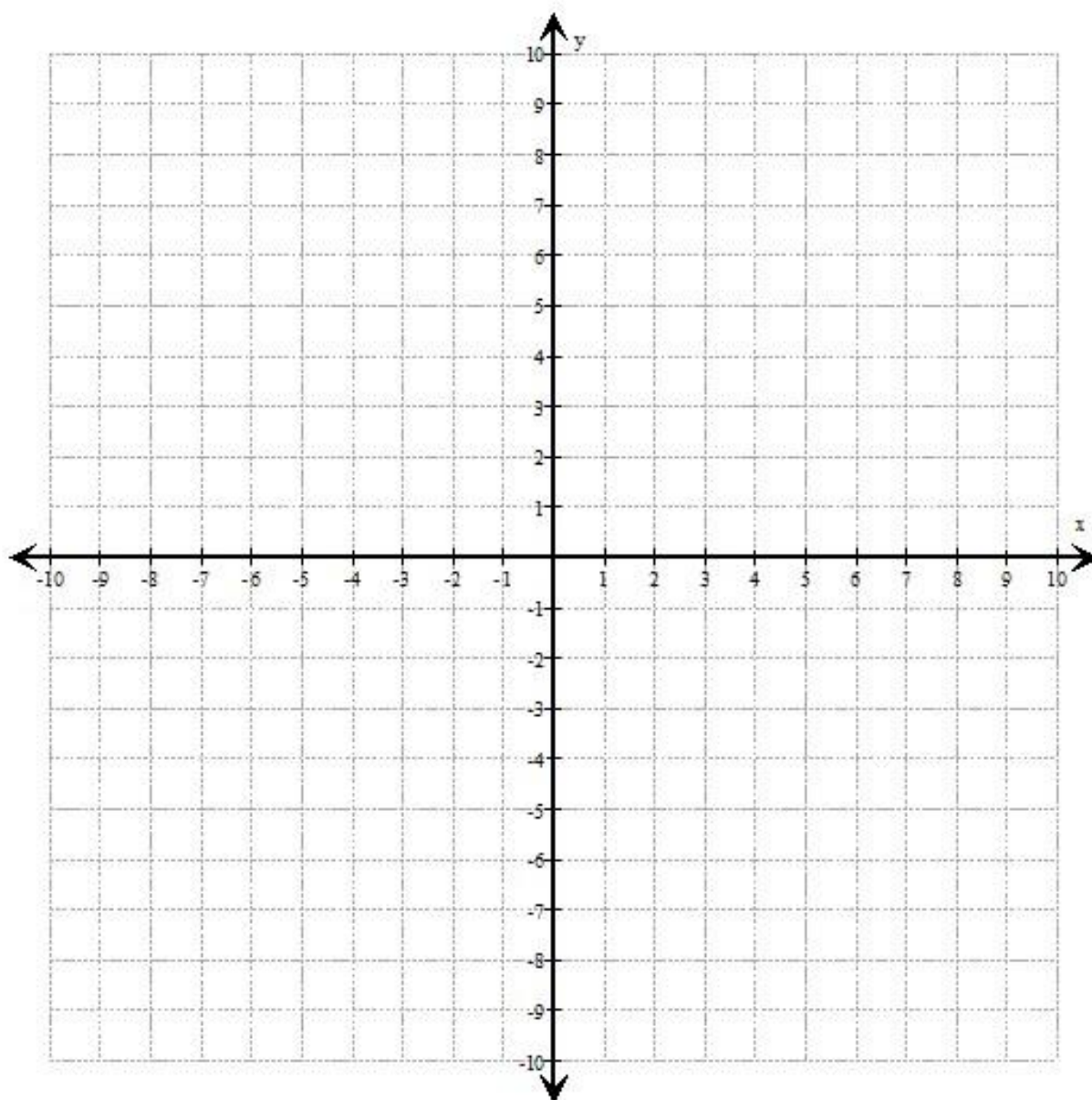
**E**

Mathsmadeeasy.co.uk

Total Marks: /16

## Straight Line Graphs

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



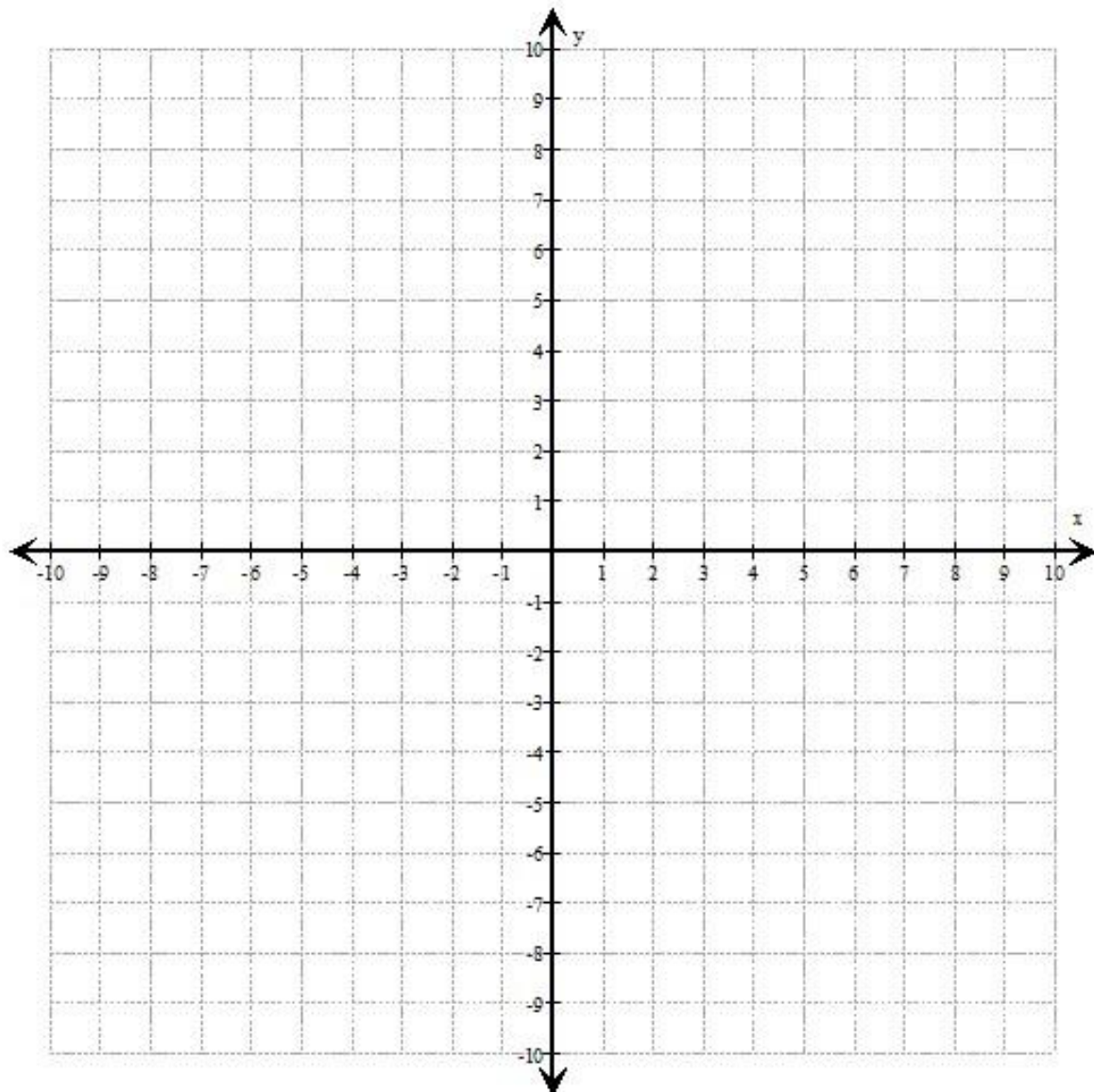
(4 Marks)

2. Answer parts a,b and c on the pair of axes given below:

a. Plot the following equation  $y = -2x + 4$

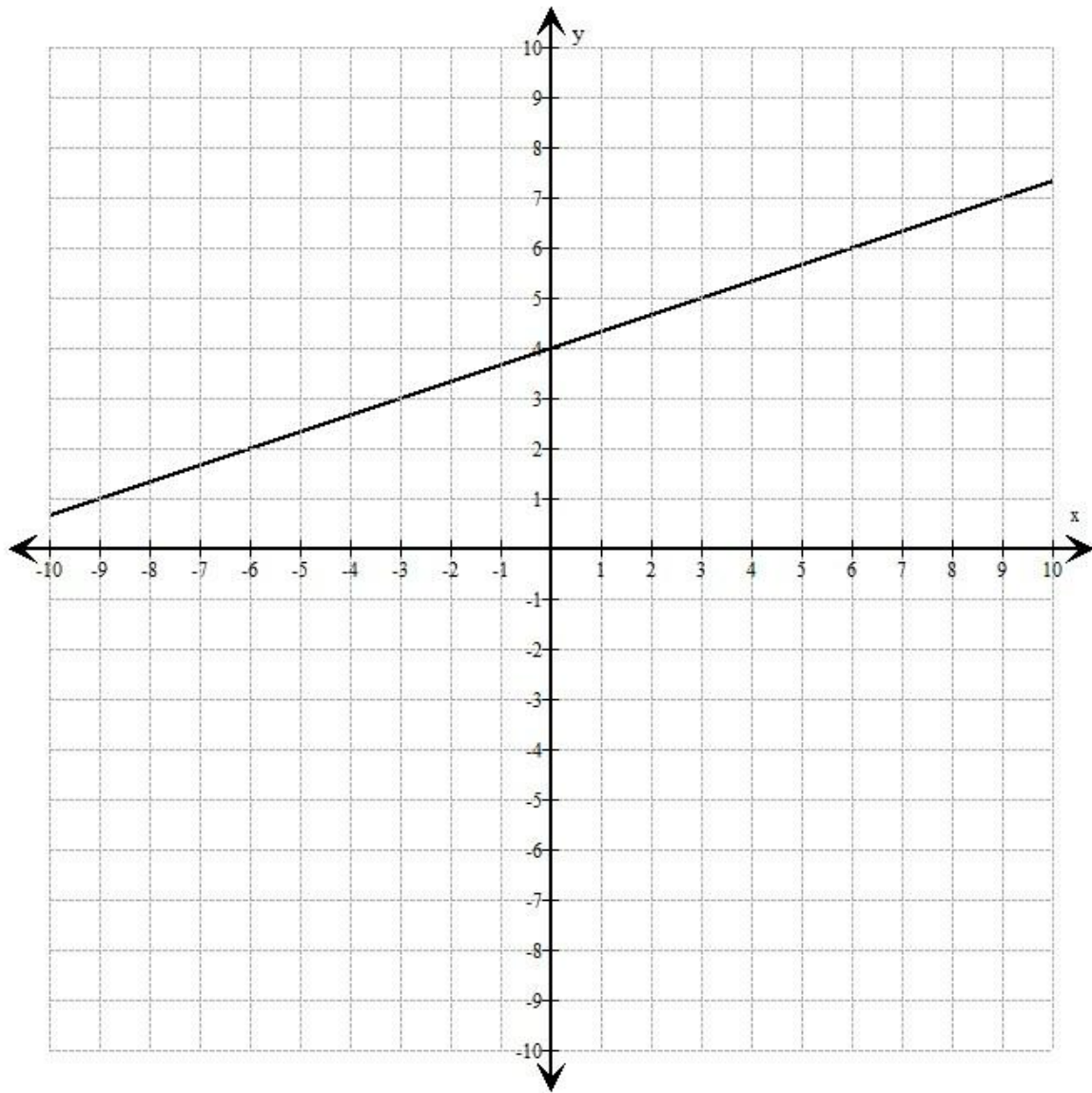
b. Find the value of  $x$  when  $y = -1.5$

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



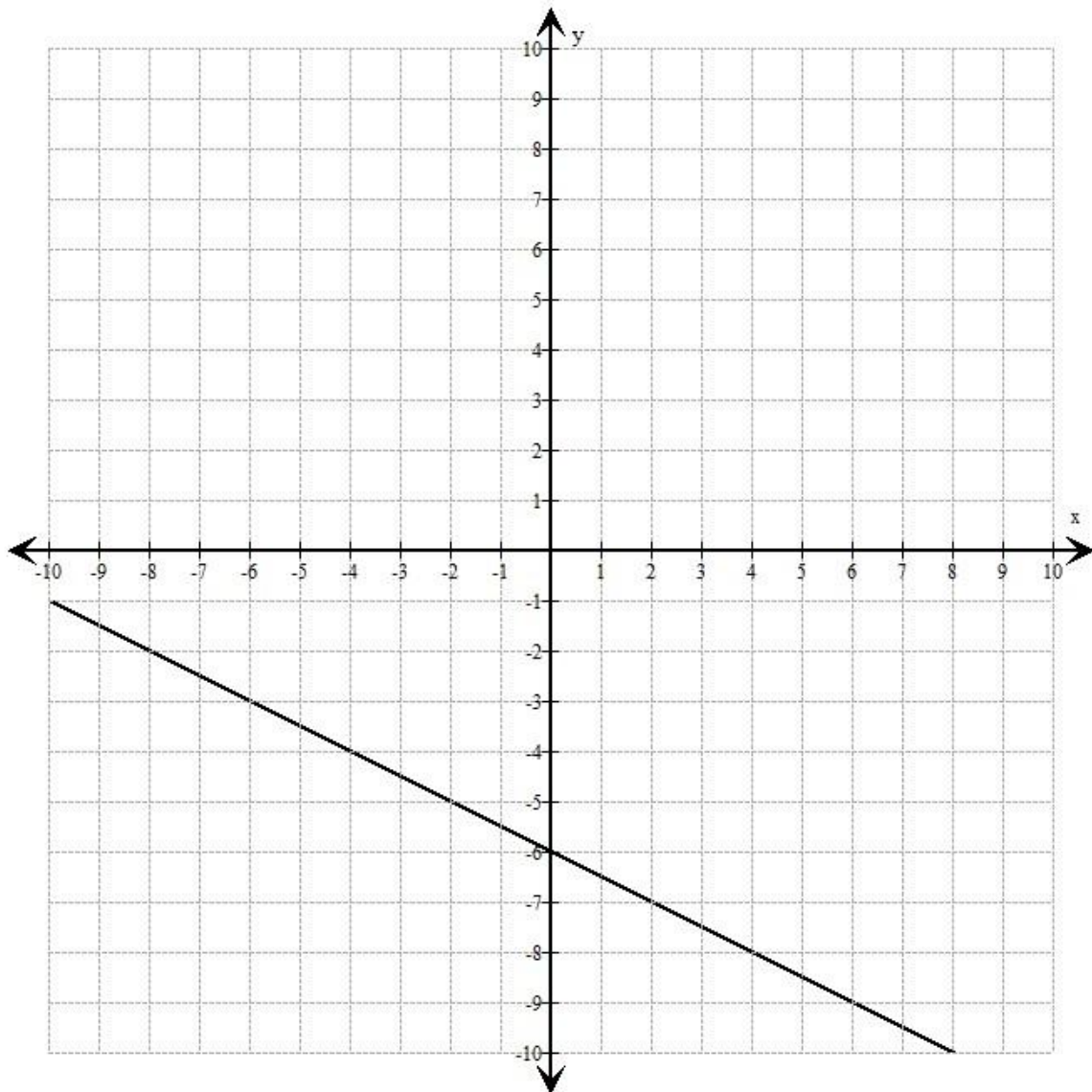
(4 Marks)

3. Find the gradient of the line plotted below.



(2 Marks)

4. Find the gradient of the line plotted below.



(2 Marks)

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

(2 Marks)

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

(2 Marks)