1 Point A has coordinates $(-3, 11)$
Point B has coordinates $(47, b)$
The midpoint of AB has coordinates $(a, -19)$

Find the value of a and the value of b.

$a =$ .....

$b =$ .....

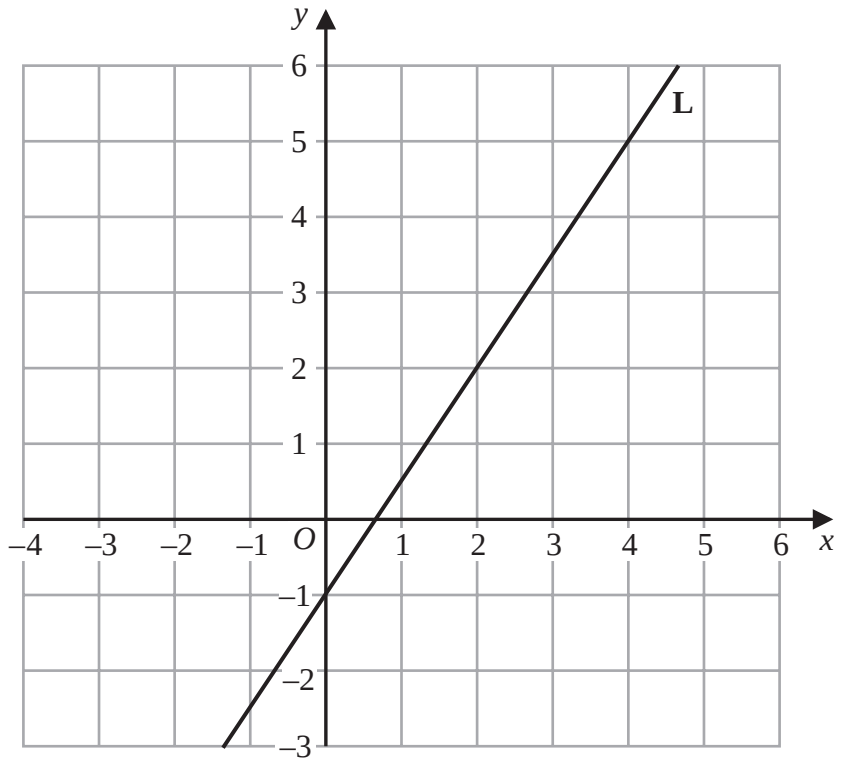
(Total for Question 1 is 2 marks)

2 Find the gradient of the straight line with equation $5x + 2y = 7$

.....

(Total for Question 2 is 2 marks)

3 Line **L** is drawn on the grid.



Find an equation for **L**
Give your answer in the form $y = mx + c$

.....

(Total for Question 3 is 3 marks)

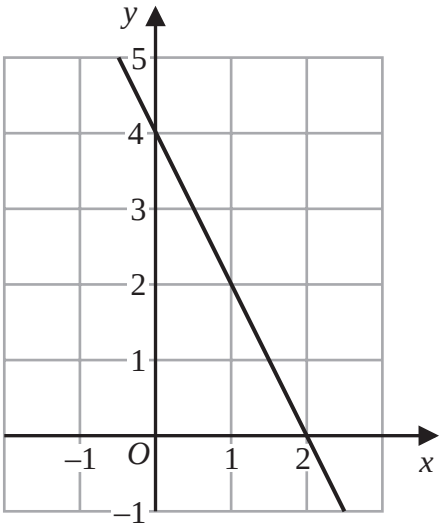
4 (a) Write down an equation of the straight line with gradient -3 and which passes through the point with coordinates $(0, 5)$

.....

(2)

(Total for Question 4 is 2 marks)

5 The diagram shows a straight line drawn on a grid.



(d) Write down an equation of the line.

.....

(2)

(Total for Question 5 is 2 marks)