

$$y = mx + c$$

$m =$  gradient  
 $c =$  y intercept

Q1. Find the gradient and y intercept for the straight line equation below.

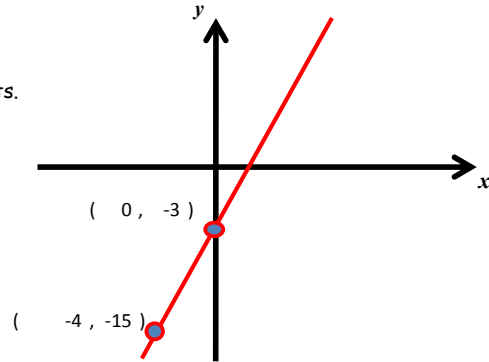
$$3x + 7y = 42$$

( 3 marks )

Q2. Find the equation of the straight line passing through the points.

Format should be in the form

$$y = mx + c$$



( 3 marks )

Q3. A straight line is represented by the equation  $3y + 21x = 3$

(a) Find the gradient of this line

( 2 marks )

(b) This line crosses the y-axis at  $(0, c)$ .

Find the value of  $c$ .

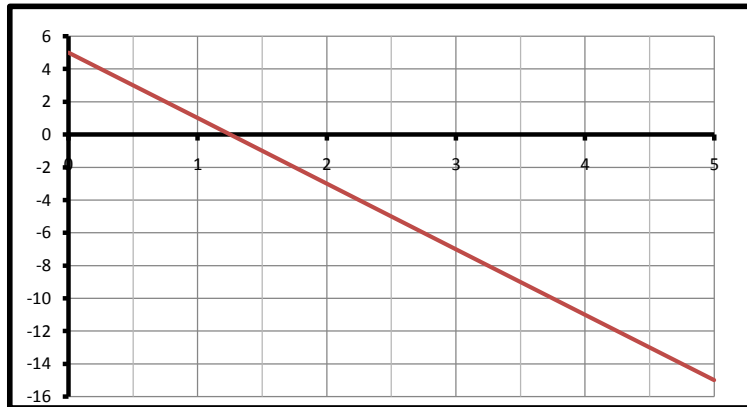
( 1 marks )

Q4. Find the equation of the straight line.

Format should be in the form

$$y = mx + c$$

( 3 marks )



Q5. Find the equation of the straight line.

Format should be in the form

$$y = mx + c$$

( 3 marks )

