Q1 June 2017

16 Solve the simultaneous equations

$$3x + y = -4$$
$$3x - 4y = 6$$

$x =$ .....

$y =$ .....

(Total for Question 16 is 3 marks)

Q2 June 2019

30 Solve the simultaneous equations

$$3x - 4y = 11$$
$$9x + 2y = 5$$

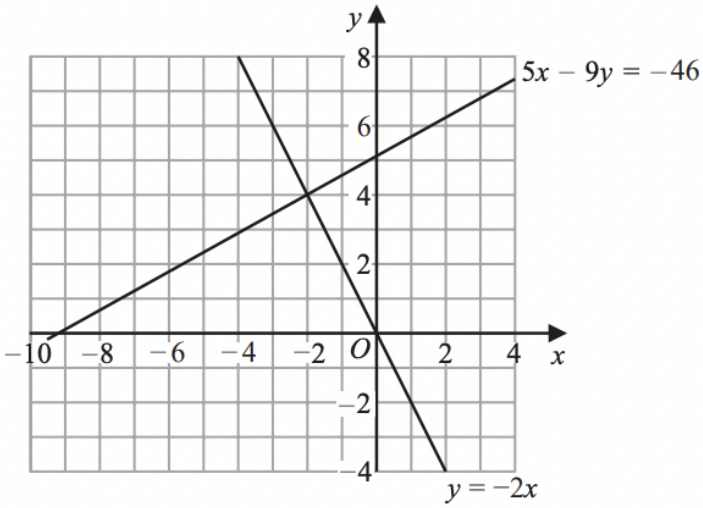
$x =$ .....

$y =$ .....

(Total for Question 30 is 3 marks)

Q3 June 2020

28



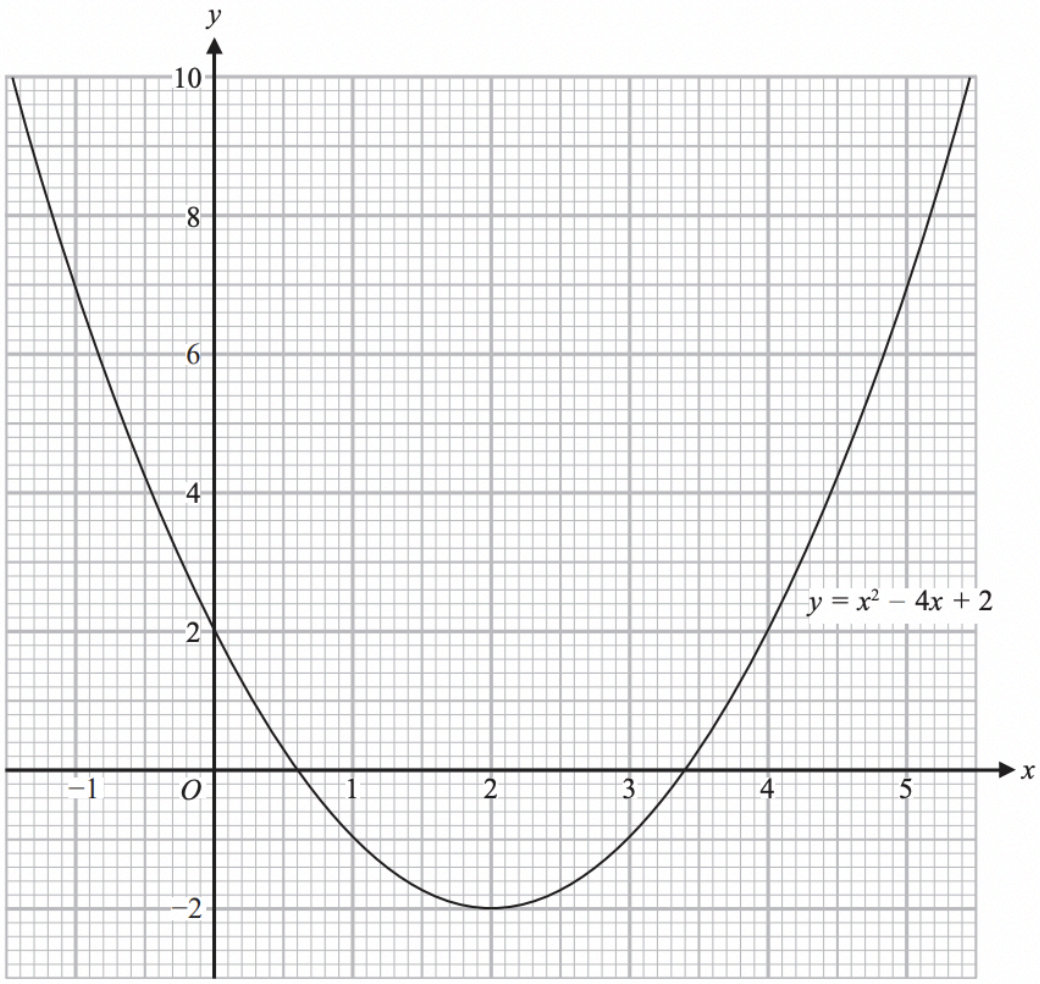
(a) Use these graphs to solve the simultaneous equations

$$5x - 9y = -46$$
$$y = -2x$$

$x =$ .....

$y =$ .....

(1)



(b) Use this graph to find estimates for the solutions of the quadratic equation $x^2 - 4x + 2 = 0$

.....

(2)

(Total for Question 28 is 3 marks)

Q4 Nov 2017

27 Solve the simultaneous equations

$$x + 3y = 12$$
$$5x - y = 4$$

$x =$ .....

$y =$ .....

(Total for Question 27 is 3 marks)