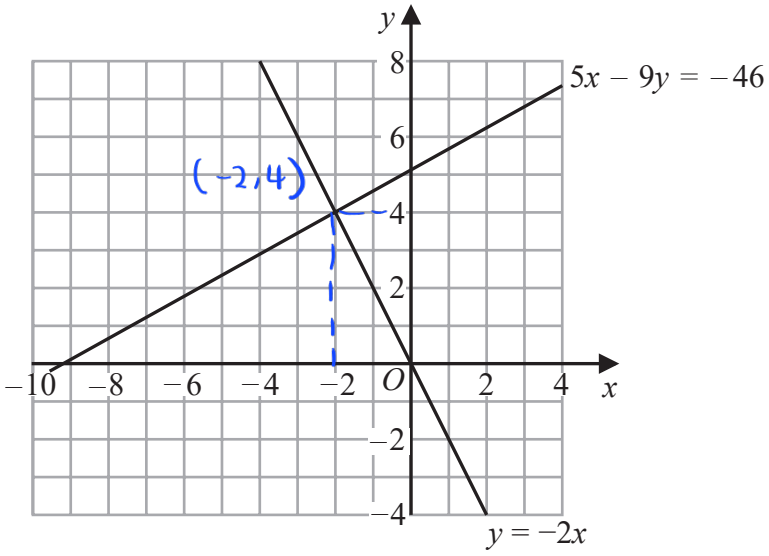
1



(a) Use these graphs to solve the simultaneous equations

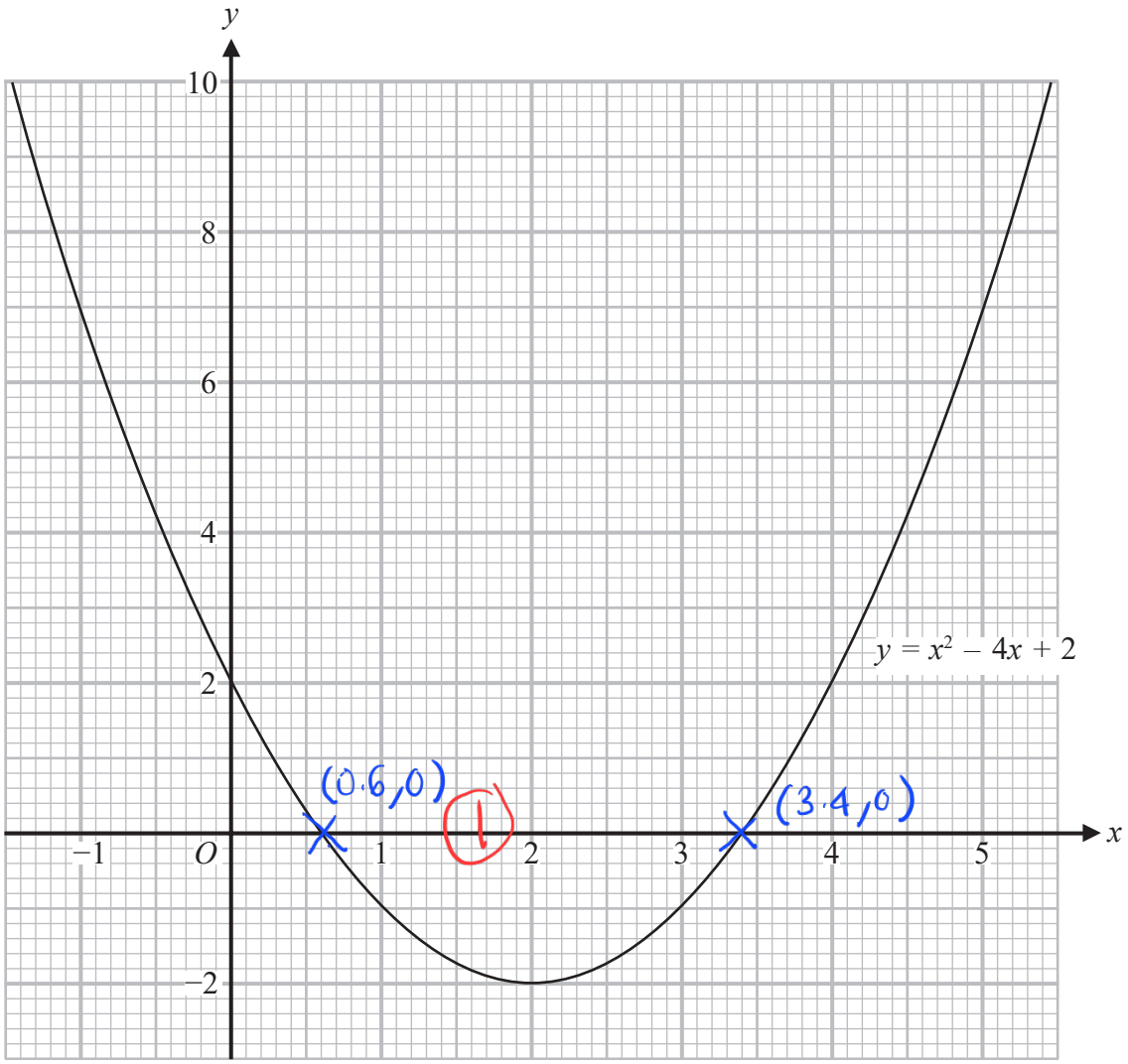
$$5x - 9y = -46$$
$$y = -2x$$

Find the point of intersection.

$x =$ −2 / 4 (1)

$y =$ .....

(1)



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

1 small box = 0.1

$x = 0.6$, $x = 3.4$ (1)

(2)

(Total for Question 1 is 3 marks)