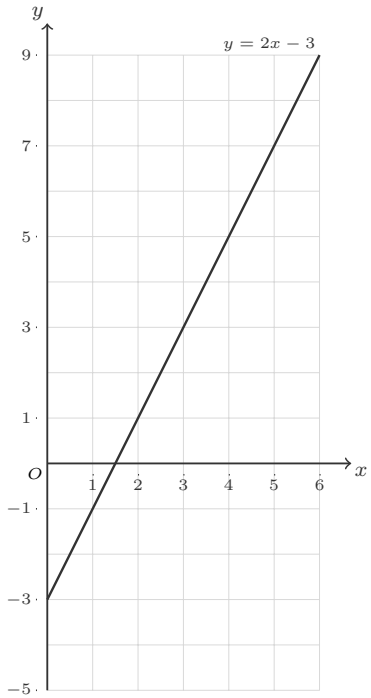
1 The line $y = 2x - 3$ is drawn. Use it to answer these, and **draw the dashed lines you used each time.**



(a) Find y when $x = 3.5$ (2)

(b) Find y when $x = 0$ (2)

(c) Find x when $y = 5$ (2)

(d) Find x when $y = 0$ (2)

(8 marks)

2 Decide whether each point lies on the line $y = 4x - 1$. **Show your substitution.**

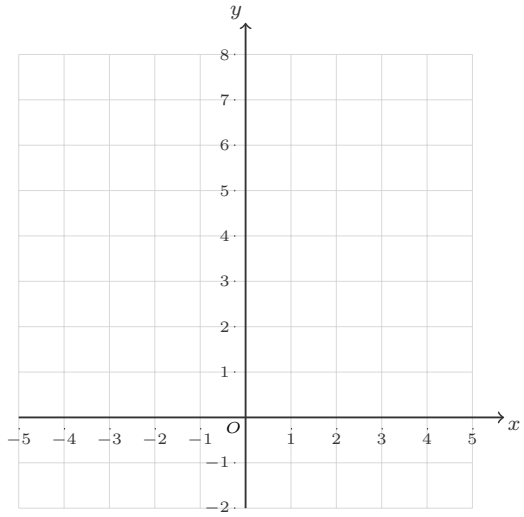
(a) $(2, 7)$ (2)

(b) $(3, 12)$ (2)

(c) $(0, -1)$ (2)

(6 marks)

3 On the grid, draw and label each line.



(a) $y = 5$ (2)

(b) $x = -2$ (2)

(c) Write down the coordinates of the point where they cross (1)

(5 marks)

4 A line passes through $(0, 6)$ and $(4, 6)$.

(a) Describe the line (1)

(b) Write down its equation (1)

(c) Write down the value of m (1)

(3 marks)