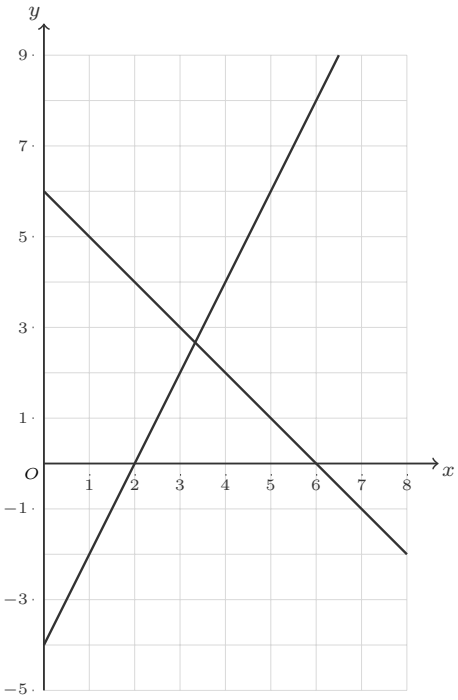
1 For each line, write down the gradient, write down where it crosses the y-axis, and then write its equation.

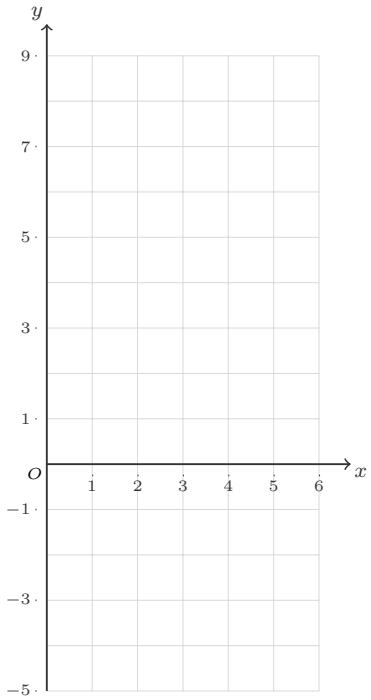


(a) the steeper line (3)

(b) the other line (3)

(6 marks)

2 Draw each line on the grid **without making a table**. Start at c on the y-axis, then step across 1 and up (or down) m.



(a) $y = 3x - 2$ (3)

(b) $y = -2x + 4$ (3)

(6 marks)

3 Write down the gradient and the y-intercept of each equation without drawing anything.

(a) $y = 6x - 5$ (1)

(b) $y = 4 - 3x$ (1)

(c) $y = x$ (1)

(d) $y = -7$ (1)

(4 marks)

4 A line has gradient 4 and crosses the y-axis at -3.

(a) Write down its equation (1)

(b) Find y when $x = 5$ (1)

(c) Does the point $(2, 6)$ lie on this line? **Show how you know.** (2)

(4 marks)