

1 Linear equations

1. Find the equation of the straight line

(i) passing through the points $(-2, 4)$ and $(4, 1)$.

(ii) passing through the point $(-2, -3)$ with gradient 2.

2. Sketch $y = 3x - 6$.

3. Find the equation of the straight line

(i) passing through the points $(-2, 4)$ and $(-1, 1)$.

(ii) passing through the point $(-2, 4)$ with gradient 5.

4. Sketch $y = 4 - x$.