

5B $y=mx+c$

1. Write down the gradient and y-intercept of the following graphs

a) $y = -3x + 2$

b) $4x - 2y + 5 = 0$

2. Write each equation in the form $ax + by + c = 0$

a) $y = 4x + 3$

b) $y = -\frac{1}{2}x + 5$

3. The line $y = 4x + 8$ crosses the x-axis at P. Work out the coordinates of P.