Answer key

The method: Slope and y-intercept

In y = mx + b, m is the slope and b is the y-intercept.

$y = -8x + 6 \quad \rightarrow \quad m = -8,\ b = 6$ y = mx + b

$y = \frac{5}{3}x + 6 \quad \rightarrow \quad m = \frac{5}{3},\ b = 6$ y = mx + b

Slope and y-intercept · Version 0A

1) m = −7, b = 6 2) m = −6, b = −5

3) m = $\frac{2}{3}$, b = 1 4) m = $\frac{3}{2}$, b = 10

5) m = 7, b = −7 6) m = 8, b = −1

7) m = 0, b = 2 8) m = 7, b = −8

9) m = 2, b = −9 10) m = 1, b = −2

11) m = −7, b = 3 12) m = 1, b = −11

13) m = $\frac{5}{2}$, b = −2 14) m = $\frac{3}{4}$, b = −3

15) m = 9, b = −9 16) m = 6, b = −12

17) m = 4, b = −3 18) m = $\frac{4}{5}$, b = −1

19) m = 5, b = 7 20) m = −9, b = 10

21) m = 8, b = 1 22) m = 1, b = −8

23) m = $\frac{3}{4}$, b = 2 24) m = 1, b = −9

25) m = −1, b = −6 26) m = 8, b = 4

27) m = 0, b = 0 28) m = 2, b = 4

29) m = −3, b = 0 30) m = −8, b = −11

31) m = 7, b = −3 32) m = 1, b = 2

33) m = $\frac{1}{2}$, b = −10 34) m = 2, b = −3

35) m = 8, b = −2