

Write an equation in slope-intercept form for the line going through the given points.

1. $(-1, 6), (7, -10)$

$m = \underline{\hspace{2cm}}$

$b = \underline{\hspace{2cm}}$

2. $(0, 2), (1, 7)$

$m = \underline{\hspace{2cm}}$

$b = \underline{\hspace{2cm}}$

3. $(-2, -1), (2, 11)$

$m = \underline{\hspace{2cm}}$

$b = \underline{\hspace{2cm}}$

4. $(0, -4), (5, -4)$

$m = \underline{\hspace{2cm}}$

$b = \underline{\hspace{2cm}}$

5. $(6, -25), (-1, 3)$

$m = \underline{\hspace{2cm}}$

$b = \underline{\hspace{2cm}}$

6. $(-3, 0), (0, 1)$

$m = \underline{\hspace{2cm}}$

$b = \underline{\hspace{2cm}}$

7. $(10, -1), (4, 2)$ $m = \underline{\hspace{2cm}}$ $b = \underline{\hspace{2cm}}$	8. $(4, 5), (4, -2)$ $m = \underline{\hspace{2cm}}$ $b = \underline{\hspace{2cm}}$
9. $(-14, -2), (7, 7)$ $m = \underline{\hspace{2cm}}$ $b = \underline{\hspace{2cm}}$	10. $(1, 2), (3, -2)$ $m = \underline{\hspace{2cm}}$ $b = \underline{\hspace{2cm}}$
11. x- intercept: 4 ; y – intercept: 2 $m = \underline{\hspace{2cm}}$ $b = \underline{\hspace{2cm}}$	12. x- intercept: -1 ; y – intercept: 3 $m = \underline{\hspace{2cm}}$ $b = \underline{\hspace{2cm}}$