

Name: _____

Math 1
Writing Equations

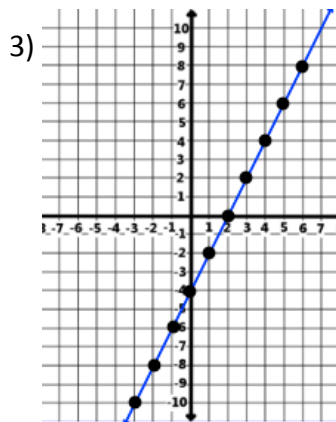
Write an equation in slope intercept form given the following information.

1) $m = 4; b = -4$

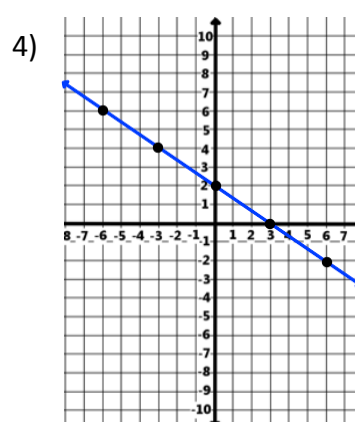
$y =$ _____

2) $m = -\frac{3}{5}; b = 5$

$y =$ _____



$y =$ _____



$y =$ _____

Find the equation of the line that goes through the given point and slope.

5) contains $(2, 4)$ $m = 3$

6) contains $(4, -3)$ $m = -\frac{1}{2}$

7) contains $(-3, 9)$ $m = -5$

8) contains $(4, 0)$ $m = \frac{3}{4}$

9) contains $(-2, -13)$ $m = \frac{3}{2}$

10) contains $(-3, 12)$ $m = -4$

Find the equation of the line that goes through the following 2 points.

11) contains $(-1, -6)$ $(1, 10)$

12) contains $(4, 0)$ $(12, -2)$

13) contains $(10, -4)$ $(15, -3)$

14) contains $(-1, -5)$ $(1, 15)$

15) contains $(3, -6)$ $(0, -5)$

16) contains $(-5, 5)$ $(1, 5)$

17) x-int = 2, y-int = 3

18) x-int = -4, y-int = 2

19) x-int = 6, y-int = -1