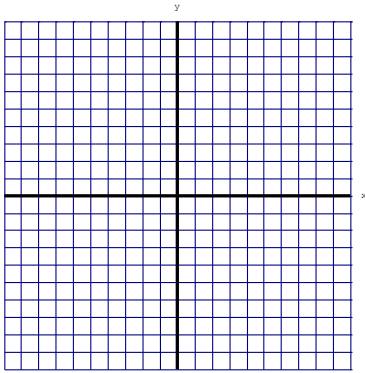
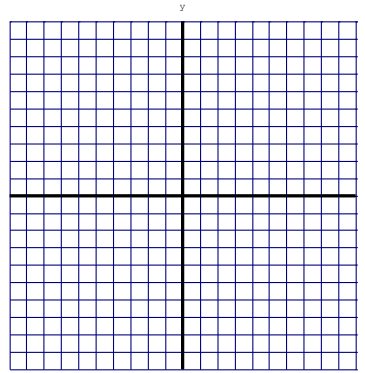


Graph the line.

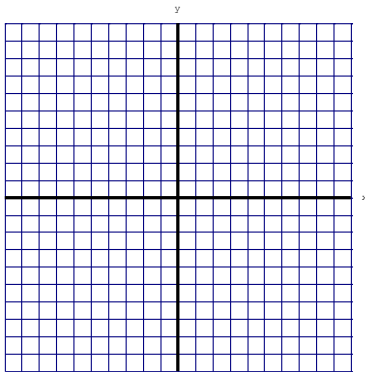
1.  $y = -2x + 4$



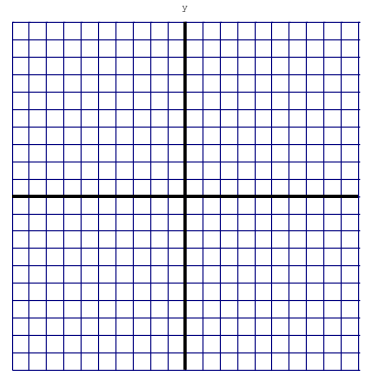
2.  $y = \frac{3}{2}x + 7$



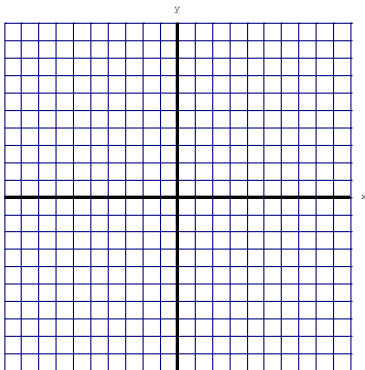
3.  $y = -\frac{2}{5}x - 8$



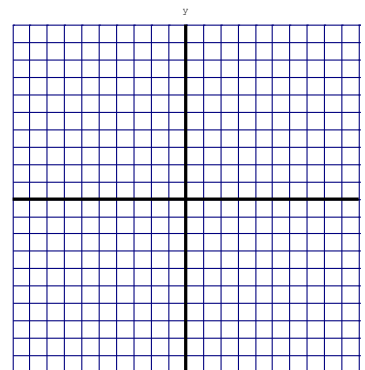
4.  $y = -2$



5.  $4x + 6y = 12$

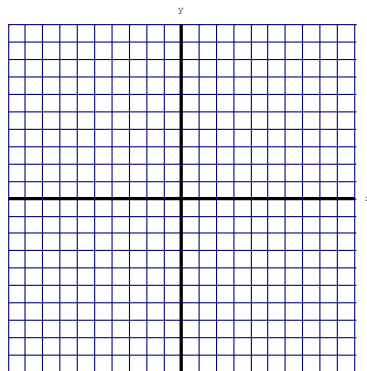
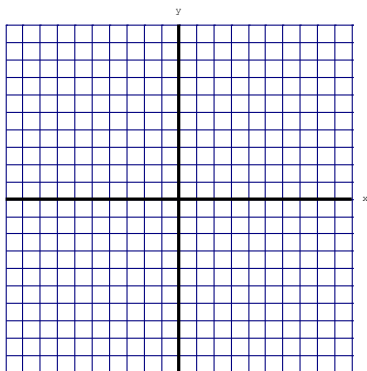


6.  $-6x + 5y = -25$



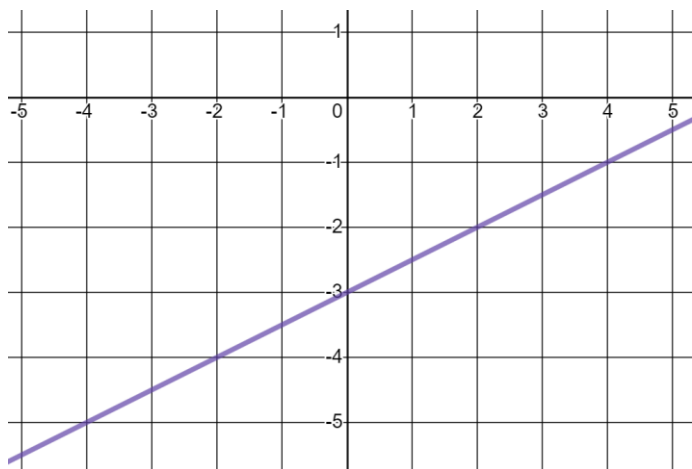
7.  $16x - 4y = 28$

8.  $-14x + 6y = 24$



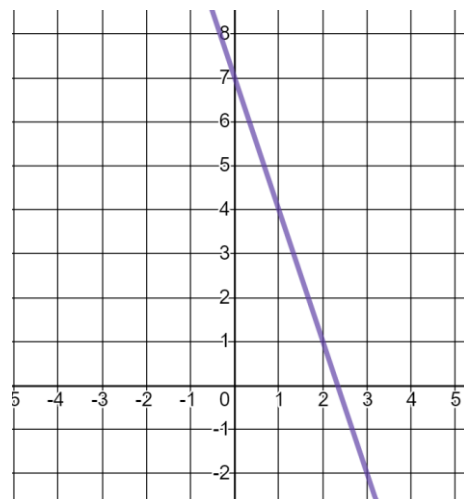
Write a linear equation in slope-intercept form for each set of given information.

9.



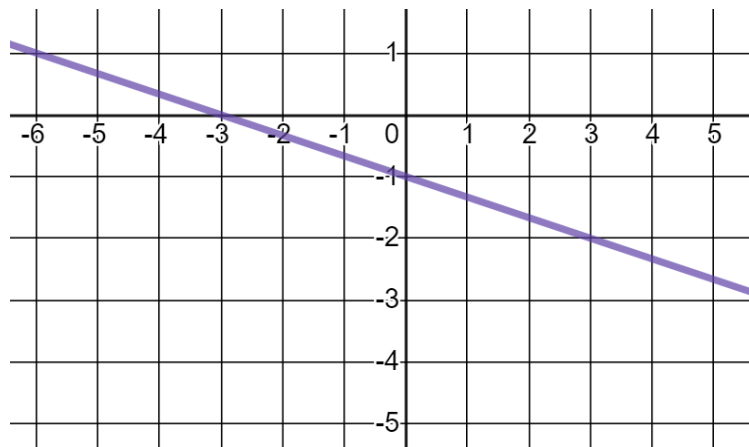
Equation: \_\_\_\_\_

10.



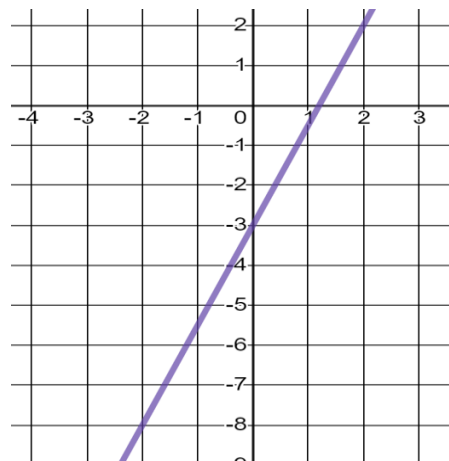
Equation: \_\_\_\_\_

11.



Equation: \_\_\_\_\_

12.



Equation: \_\_\_\_\_

Write a linear equation in slope-intercept form for each set of given information.

13.

x	y
6	-1
9	-5
12	-9
15	-13
18	-17
21	-21
24	-25

Equation: \_\_\_\_\_

14.

x	y
-7	-56
-6	-50
-5	-44
-4	-38
-3	-32
-2	-26

Equation: \_\_\_\_\_

15.

x	y
-21	-4
-14	-2
-7	0
0	2
7	4
-14	-2
21	8

Equation: \_\_\_\_\_

16.

x	y
10	-16
11	-17
12	-18
13	-19
14	-20
15	-21
16	-22

Equation: \_\_\_\_\_

Write a linear equation in slope-intercept form for each set of given information.

17.  $m = -5$  and goes through the point  $(-4, -7)$

18.  $m = \frac{3}{4}$  and goes through the point  $(-8, 9)$

**Write a linear equation for each set of given information.**

19.  $m = \frac{7}{5}$  and goes through the point  $(2, -6)$

20.  $m = -\frac{1}{2}$  and goes through the point  $(-3, 10)$

21.  $(-5, -2)$  and  $(3, -1)$

22.  $(5, 5)$  and  $(4, -5)$

23.  $(-5, -1)$  and  $(1, -4)$

24.  $(2, 5)$  and  $(-2, -13)$

Find the x-intercept and y-intercept, put the equation in slope-intercept form, and fill in for "m" and "b".

25.  $-8x + 24y = -48$

26.  $10x - 15y = 45$

x-intercept: \_\_\_\_\_

x-intercept: \_\_\_\_\_

y-intercept: \_\_\_\_\_

y-intercept: \_\_\_\_\_

slope-intercept form: \_\_\_\_\_

slope-intercept form: \_\_\_\_\_

$m =$  \_\_\_\_\_       $b =$  \_\_\_\_\_

$m =$  \_\_\_\_\_       $b =$  \_\_\_\_\_

27.  $6x - 9y = 18$

28.  $-7x - 14y = -49$

x-intercept: \_\_\_\_\_

x-intercept: \_\_\_\_\_

y-intercept: \_\_\_\_\_

y-intercept: \_\_\_\_\_

slope-intercept form: \_\_\_\_\_

slope-intercept form: \_\_\_\_\_

$m =$  \_\_\_\_\_       $b =$  \_\_\_\_\_

$m =$  \_\_\_\_\_       $b =$  \_\_\_\_\_

Find the x-intercept and y-intercept, put the equation in slope-intercept form, and fill in for "m" and "b".

29.  $y + 8 = \frac{2}{3}(x - 6)$

30.  $y - 3 = -(x + 9)$

x-intercept: \_\_\_\_\_

x-intercept: \_\_\_\_\_

y-intercept: \_\_\_\_\_

y-intercept: \_\_\_\_\_

slope-intercept form: \_\_\_\_\_

slope-intercept form: \_\_\_\_\_

$m =$  \_\_\_\_\_       $b =$  \_\_\_\_\_

$m =$  \_\_\_\_\_       $b =$  \_\_\_\_\_