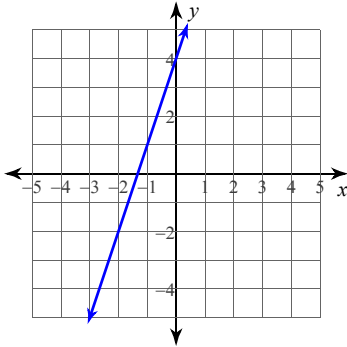


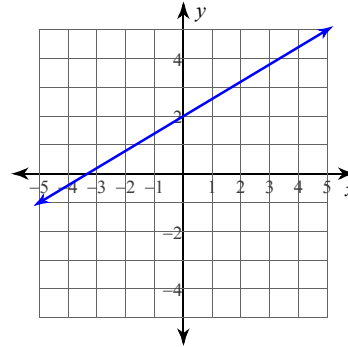
Writing Equations of Lines

Write the slope-intercept form of the equation of each line.

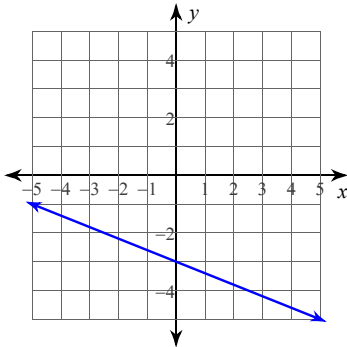
1)



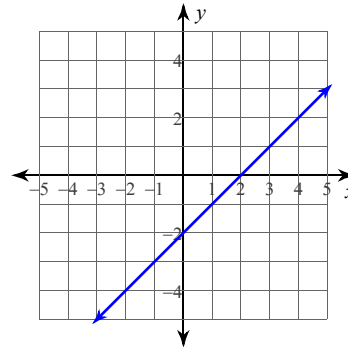
2)



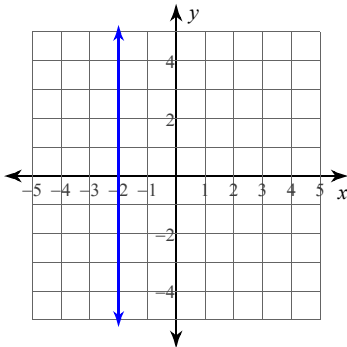
3)



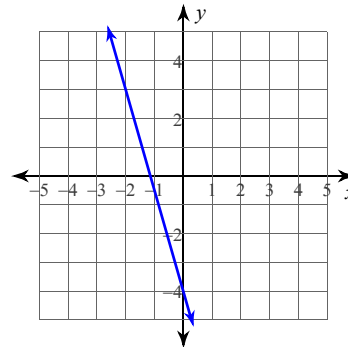
4)



5)



6)



Write the slope-intercept form of the equation of each line given the slope and y-intercept.

7) Slope = -4 , y-intercept = 4

8) Slope = 1 , y-intercept = 1

9) Slope = $\frac{5}{3}$, y-intercept = -4

10) Slope = $\frac{1}{2}$, y-intercept = 1

11) Slope = $\frac{7}{2}$, y-intercept = -5

12) Slope = $\frac{7}{5}$, y-intercept = 3

Write the slope-intercept form of the equation of the line through the given point with the given slope.

13) through: $(-5, 1)$, slope = 0

14) through: $(-4, 4)$, slope = $-\frac{1}{4}$

15) through: $(5, 3)$, slope = $\frac{7}{5}$

16) through: $(3, 3)$, slope = $\frac{2}{3}$

17) through: $(-4, -2)$, slope = $\frac{1}{4}$

18) through: $(3, 0)$, slope = 1

19) through: $(-2, -2)$, slope = 2

20) through: $(5, -3)$, slope = $-\frac{2}{5}$

21) through: $(2, 1)$, slope = undefined

22) through: $(2, 3)$, slope = $\frac{3}{2}$

Write the slope-intercept form of the equation of the line through the given points.

23) through: $(-3, -5)$ and $(-3, 2)$

24) through: $(5, -1)$ and $(1, 1)$

25) through: $(-4, -4)$ and $(4, 2)$

26) through: $(0, 0)$ and $(-4, 4)$

27) through: $(0, 0)$ and $(-5, 1)$

28) through: $(3, -4)$ and $(2, 3)$

29) through: $(-2, 0)$ and $(4, -3)$

30) through: $(4, 3)$ and $(0, -4)$

31) through: $(0, -5)$ and $(-1, -1)$

32) through: $(2, -2)$ and $(-4, -2)$