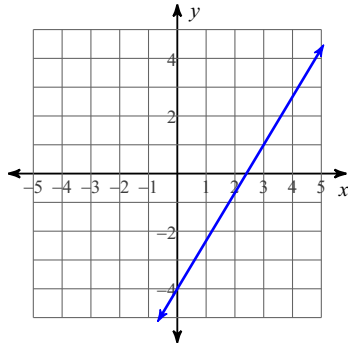


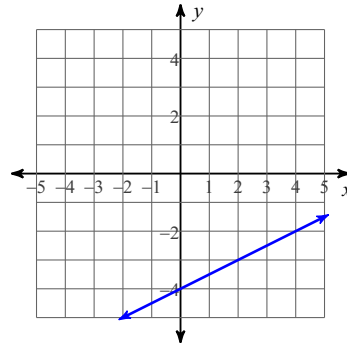
WS 2-3 - Writing Slope-Intercept Equations

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

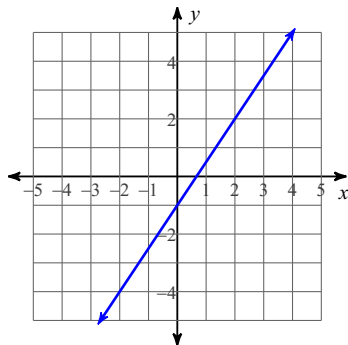
1)



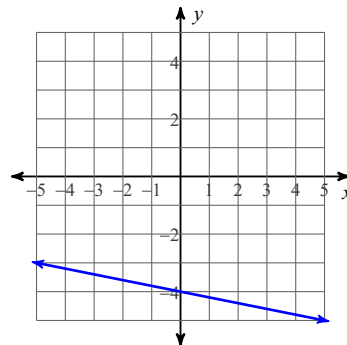
2)



3)



4)



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

5) Slope = -1, y-intercept = -2

6) Slope = 1, y-intercept = 1

7) Slope = -1, y-intercept = -3

8) Slope = 2, y-intercept = 0

9) Slope = 6, y-intercept = 2

10) Slope = 0, y-intercept = 0

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

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

12) through: $(5, -1)$, slope = $\frac{4}{5}$

13) through: $(-5, -1)$, slope = $-\frac{4}{5}$

14) through: $(-4, 5)$, slope = $-\frac{3}{2}$

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

16) through: $(1, 3)$, slope = -1

17) through: $(-1, 0)$, slope = 1

18) through: $(-1, -4)$, slope = -1

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

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

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

21) through: $(-4, -4)$ and $(0, 2)$

22) through: $(0, 5)$ and $(-5, -5)$

23) through: $(0, 3)$ and $(-2, -3)$

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