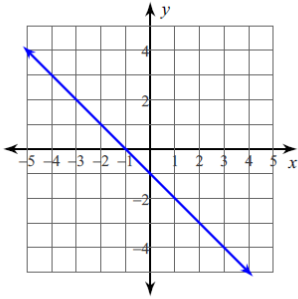


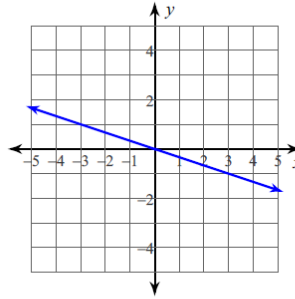
## Worksheet on writing Equation of a line in slope intercept form

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

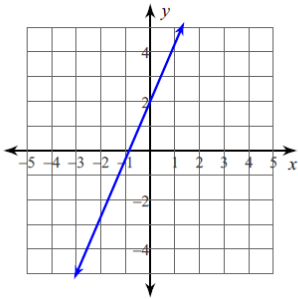
1)



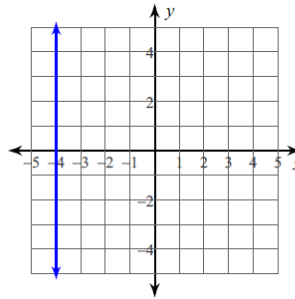
2)



3)



4)



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

21) Slope = 1, y-intercept = 0

22) Slope = 0, y-intercept = 5

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

24) Slope = 3, y-intercept = 2

25) Slope =  $-\frac{6}{5}$ , y-intercept = 1

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

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

101) through: (3, 3), slope = 2

102) through: (5, 5), slope =  $\frac{8}{5}$

103) through: (-2, 0), slope =  $-\frac{3}{2}$

104) through: (-1, 3), slope = 1

105) through: (-2, -3), slope = 2

106) through: (-3, 3), slope =  $-\frac{1}{3}$

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

121) through: (-4, 5) and (0, -4)

122) through: (-3, -1) and (-2, -2)

123) through: (5, -3) and (-3, 3)

124) through: (0, -1) and (1, -3)

125) through: (4, 4) and (0, -1)

126) through: (-1, 1) and (-1, -4)