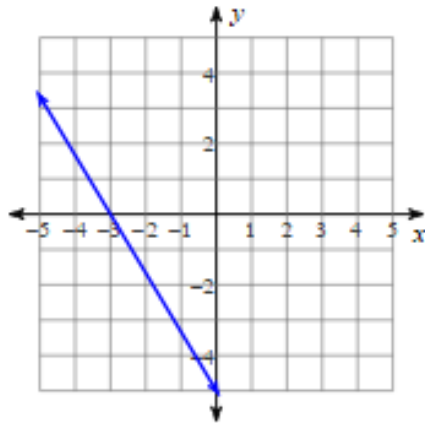


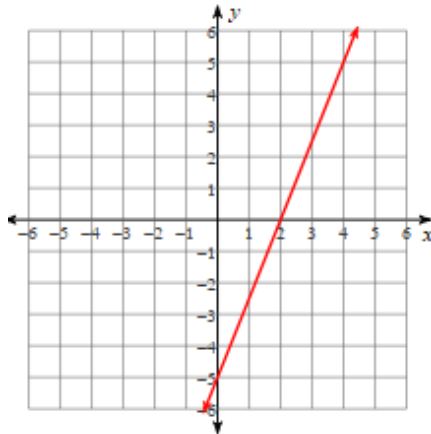
1.

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



2.

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



3.

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

through: $(-1, -1)$, slope = 2

4.

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

through: $(0, -4)$ and $(-1, 3)$

5.

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

through: $(-5, -1)$, parallel to $y = -\frac{3}{5}x + 3$

6.

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

through: $(4, -2)$, perp. to $y = -3x$

7.

Sketch the graph of the line.

$$5y = -8x - 25$$

8.

Sketch the graph of the line.

$$0 = -3y - 15 - 6x$$

9. Given the equation of the line and point P not on the line, find the equation of a line parallel to the given line and a line perpendicular to the given line through the given point.

$$4x + 3y = 8, P(4, -2)$$

10. Given the equation of the line and point P not on the line, find the equation of a line parallel to the given line and a line perpendicular to the given line through the given point.

$$2x - 5y = 7, P(-2, 4)$$