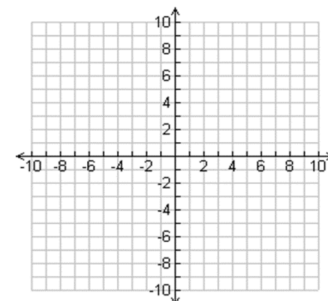


Find the slope of the line that passes through the pair of points.

$$(-1, 2) \text{ \& } (0, 6)$$

Graph the equation.

$$6x + 4y = 24$$



Write the equation in slope-intercept form.

$$2x + 8y = 40$$

Find the x- and y-intercepts of the equation.

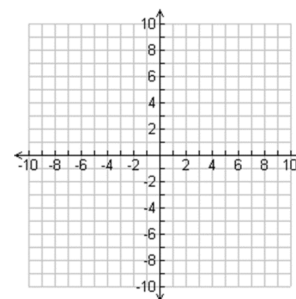
$$9x + 8y = 84$$

Write an equation in point-slope form that has the given slope and passes through the given point.

$$m = \frac{2}{3} \text{ (0, -3)}$$

Graph the equation.

$$y - 5 = -3(x + 1)$$



Write an equation in slope-intercept form for the line that passes through the given point and is PERPENDICULAR to the given line.

$$(7, -2) \quad y = 3x + 6$$

Write an equation in slope-intercept form that passes through the given points.

$$(7, 3) \text{ \& } (5, 1)$$

Find the slope of the line that passes through the pair of points.

$$\left(\frac{1}{3}, 3\right) \text{ \& } \left(\frac{5}{3}, 7\right)$$

Find the x- and y-intercepts of the equation.

$$-2x + 6y = -20$$

The math club is raising money for a competition. They need to raise \$150. They decide to have a bake sale where they sell cookies for \$0.75 each and cake for \$1.25 a slice.

- a) Write an equation to find how many types of each treat must be sold to raise \$150.

Write an equation in point-slope form that has the given slope and passes through the given point.

$$m = -2 \quad (3, -6)$$

Write an equation in slope-intercept form for the line that passes through the given point and is PARALLEL to the given line.

$$(2, 7) \quad y = \frac{1}{2}x - 4$$

Write an equation in slope-intercept form that passes through the given points.

$$(1, 5) \text{ \& } (-2, 8)$$

Write an equation in slope-intercept form for the line that passes through the given point and is PERPENDICULAR to the given line.

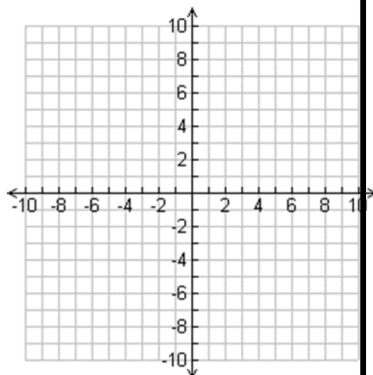
$$(2, 4) \quad y = -3$$

Write an equation in slope-intercept form for the line that passes through the given point and is PARALLEL to the given line.

$$(-3, 6) \quad y = 4$$

Graph the equation.

$$y = \frac{2}{3}x - 4$$



Write the equation in slope-intercept form.

$$10x = 4y - 6$$