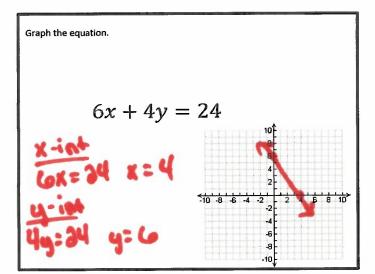
Find the slope of the line that passes through the pair of points.

$$m = \frac{(-1,2) & (0,6)}{(-1,2)} = \frac{1}{4} = \boxed{4}$$



Write the equation in slope-intercept form.

$$2x + 8y = 40$$

$$3x - 3x + 40$$

$$8 = 8$$

$$4 = -3x + 40$$

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

$$9x + 8y = 84$$

$$x = 84$$

$$x = 84$$

$$x = 84$$

$$y = 84$$

$$y = 84$$

$$y = 84$$

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

$$m = \frac{2}{3} (0, -3)$$
y+3=3/3(x-0)

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.

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

$$y = 3x + 6$$

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

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

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

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

$$-2x + 6y = -20$$
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The math club is raising money for a competition. They need to alse \$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.

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

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

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

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

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

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

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

$$y = 4$$
 $y = 4$
 $y = 4$

Graph the equation.
$$y = \frac{2}{3}x - 4$$

Write the equation in slope-intercept form.

$$10x = 4y - 6$$