

## M10 - 7.3 - Identify Slope/Point Slope Point Form HW

Identify the slope and the point of the following equation.

$$y - 1 = 2(x - 2)$$

$$y + 3 = \frac{1}{3}(x - 2)$$

$$y - 2 = 2(x + 1)$$

$$y - 2 = (x - 1)$$

$$y + 3 = 2(x - 1)$$

$$y + 5 = \frac{1}{2}(x + 1)$$

$$y - 3 = -\frac{2}{3}(x + 1)$$

$$y + 4 = -(x + 2)$$

$$y = 2(x - 1)$$

$$y + 2 = (x)$$

$$y + 2 = -\frac{1}{2}(x + 1)$$

$$y = (x)$$

## M10 - 7.3 - Point/Slope: Find Eq. Slope Point Form HW

$$y - y_1 = m(x - x_1)$$

Write in slope-point form.

$$(1,2), \quad m = 2$$

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

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

$$(-3,-2), \quad m = \frac{1}{2}$$

$$(1,5), \quad m = -\frac{2}{3}$$

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

$$(-2,-4), \quad m = -5$$

$$(2,-3), \quad m = -1$$

$$(-1,-3), \quad m = \frac{1}{2}$$

$$(0,5), \quad m = -2$$

$$(6,-2), \quad m = -\frac{4}{3}$$

$$(-1,-5), \quad m = 1$$

$$(-3,-1), \quad m = -\frac{5}{4}$$

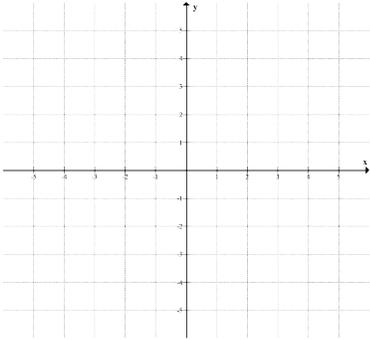
$$(1,0), \quad m = -\frac{2}{3}$$

$$(-1,-2), \quad m = -6$$

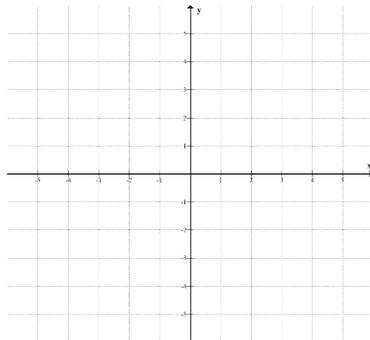
# M10 - 7.3 - Graph Slope Point HW

Graph the Following

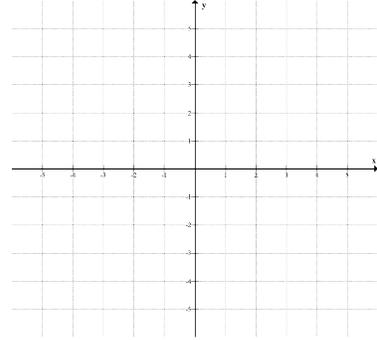
$$y - 1 = 2(x - 2)$$



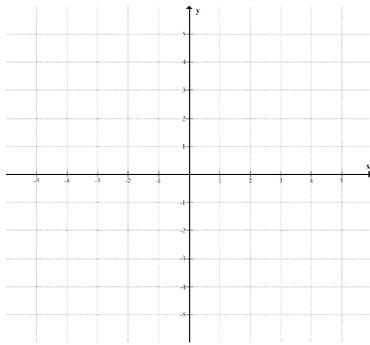
$$y + 3 = \frac{1}{3}(x - 2)$$



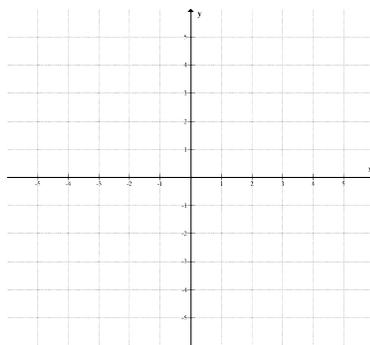
$$y - 2 = 2(x + 1)$$



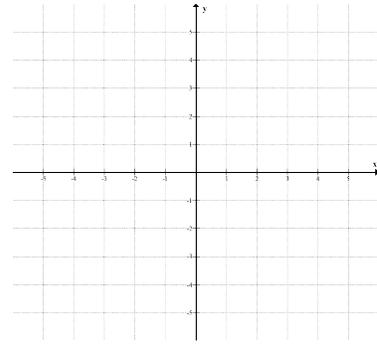
$$y - 2 = (x - 1)$$



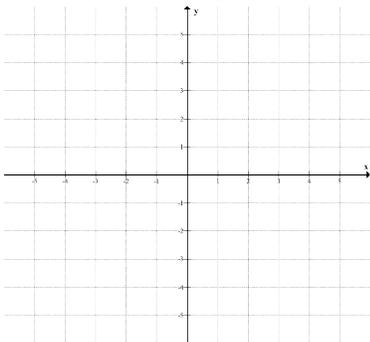
$$y + 3 = 2(x - 1)$$



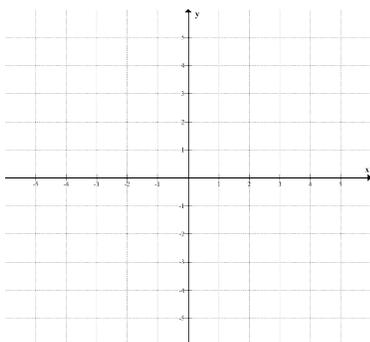
$$y + 5 = \frac{1}{2}(x + 1)$$



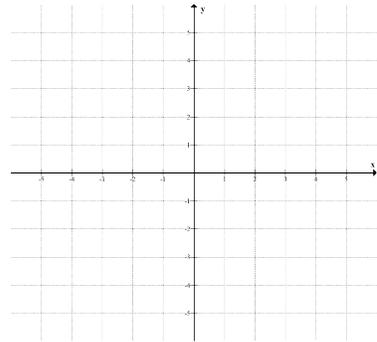
$$y - 3 = -\frac{2}{3}(x + 1)$$



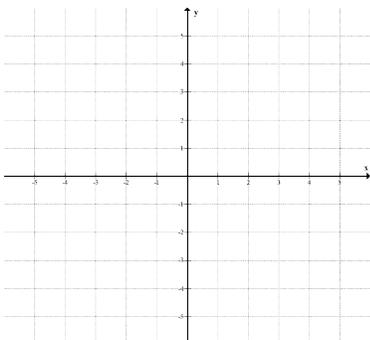
$$y + 4 = -(x + 2)$$



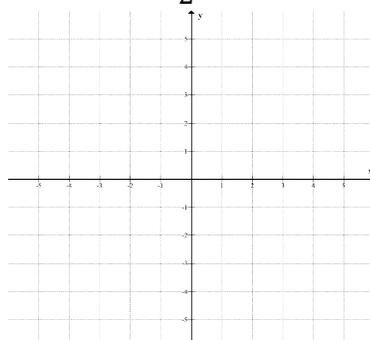
$$y = 2(x - 1)$$



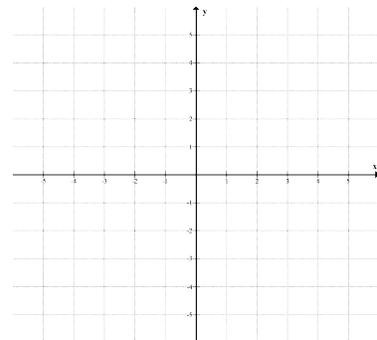
$$y + 2 = (x)$$



$$y + 2 = -\frac{1}{2}(x + 1)$$



$$y = (x)$$



# M10 - 7.3 - Graph: Find Equation Slope Point Form HW

Find the equations in Slope Point Form of the following lines

