

$$x + y = 5$$

$$y = -x + 5$$

$$m = -1$$

$$B = (0, 5)$$

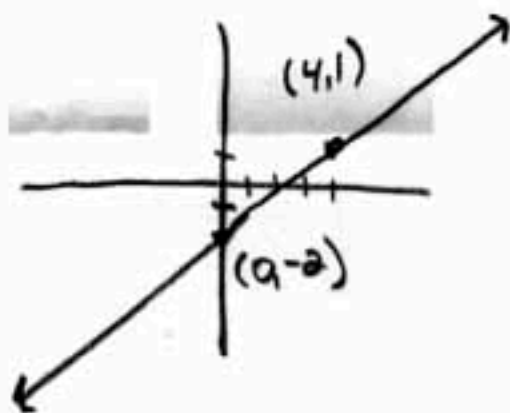
$$\frac{x}{a} = \frac{3y}{5}$$

$$0\left(\frac{x}{a}\right) = \left(\frac{3y}{5}\right)10$$

$$5x = 6y$$

$$5x - 6y = 0$$

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



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

$$\frac{4}{1} - \frac{1}{4}$$

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

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

$$\frac{16}{4} - \frac{1}{4} = \frac{15}{4}$$

$$y - 4 = \frac{1}{4}x - \frac{1}{4}$$

$$y = \frac{1}{4}x + \frac{15}{4}$$

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

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

$$y - 5 = -\frac{1}{2}x - 1$$

$$y = -\frac{1}{2}x + 4$$

$$y > \frac{2}{3}x - 3$$

