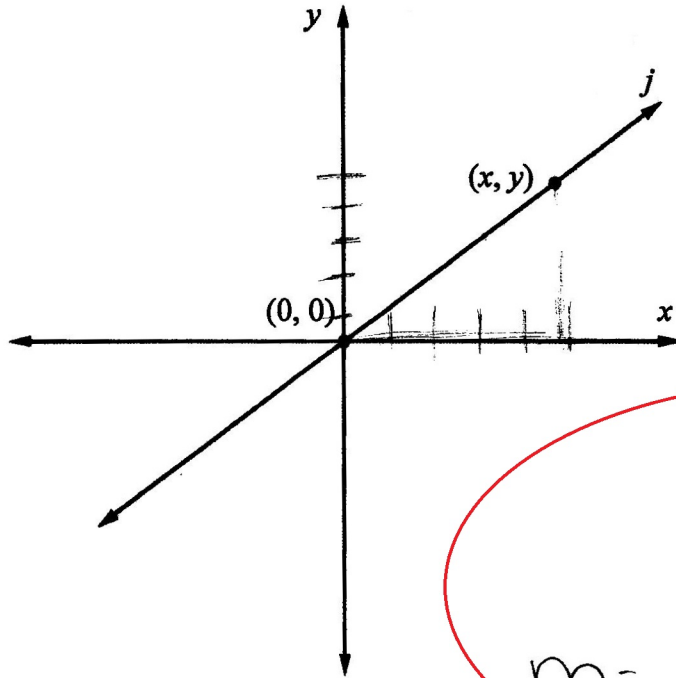


Line j passes through the origin and some point (x, y) . Use the slope formula to derive the equation of line j .



$(5, 5)$

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

$$m = \frac{y - 0}{x - 0}$$

$$m = \frac{5 - 0}{5 - 0} = \frac{5}{5} = 1$$

$$y = x$$