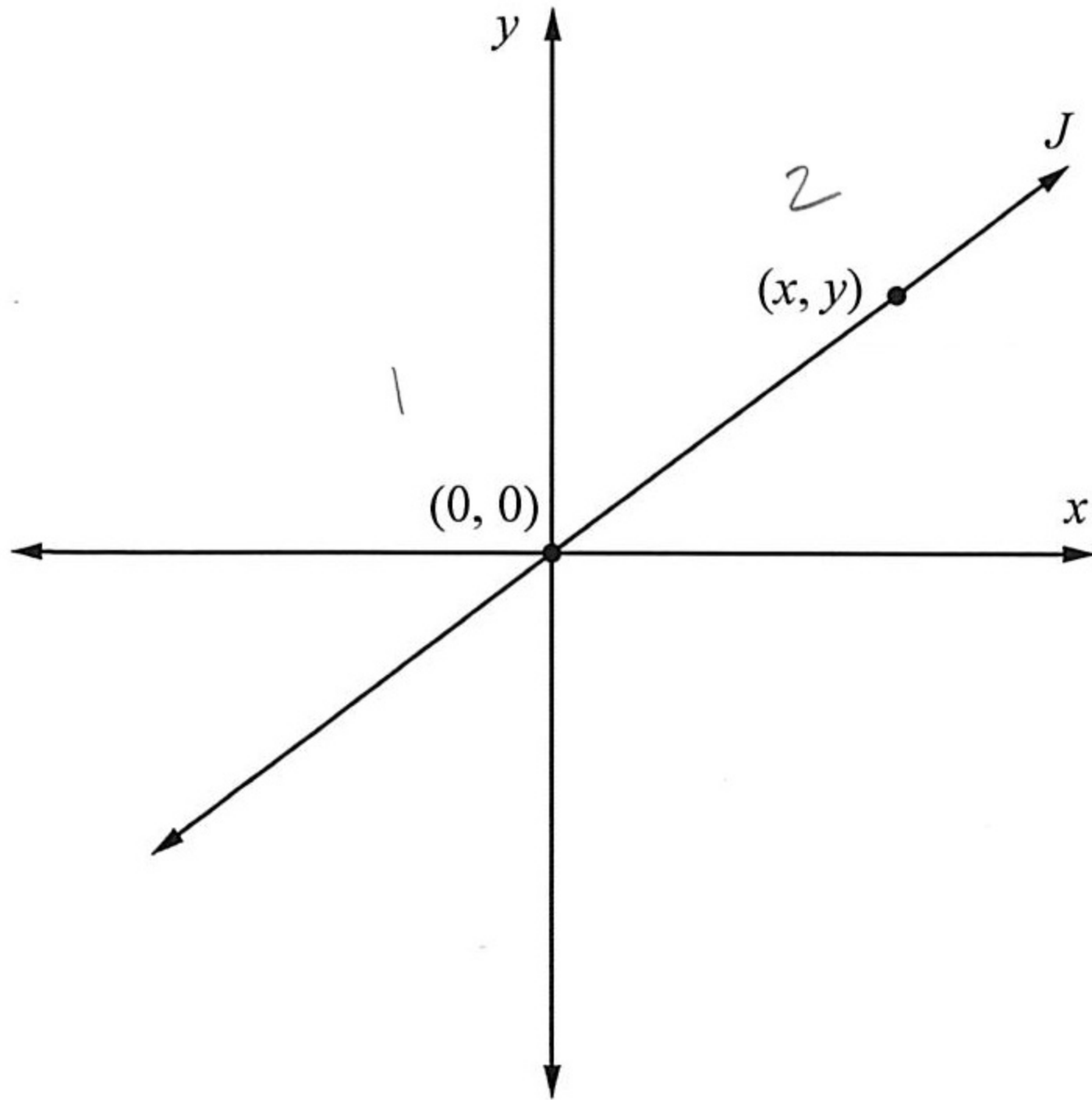


Line J passes through the origin and some point (x, y) . Use the slope formula to derive the equation of line J .



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

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

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

$$y = mx + b \quad \text{and } b \text{ is } 0$$

$$x \cdot m = \frac{y}{x} \cdot x$$

$$mx = y$$

$$y = mx$$