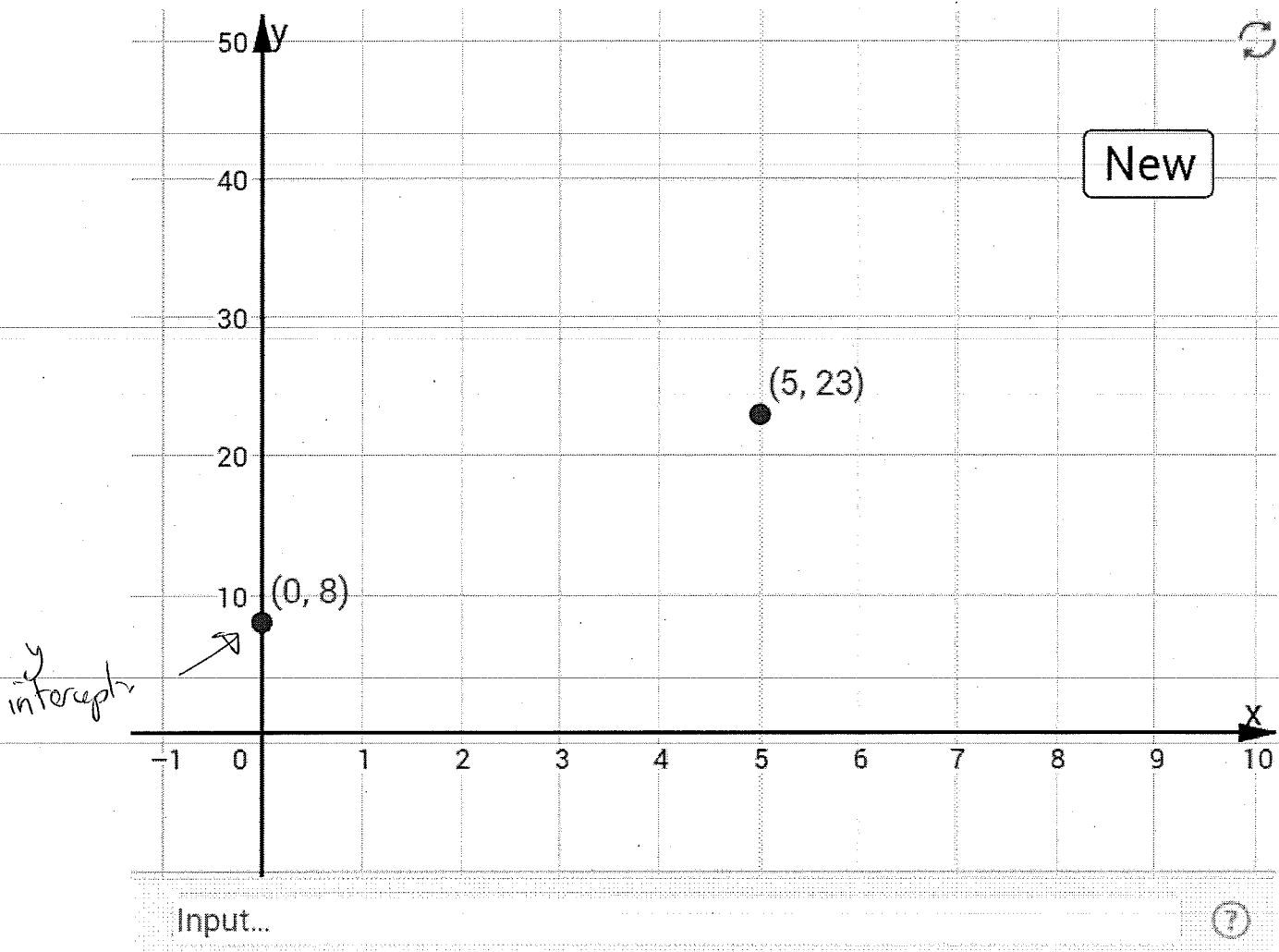


Example: slope, y intercept given



$$m = \frac{y_2 - y_1}{x_2 - x_1} = \frac{23 - 8}{5 - 0} = \frac{15}{5} = 3$$

$$y = 3x + b$$

Now, b is the y intercept.

The y intercept is 8

$$\text{equation: } \underline{\underline{y = 3x + 8}}$$

