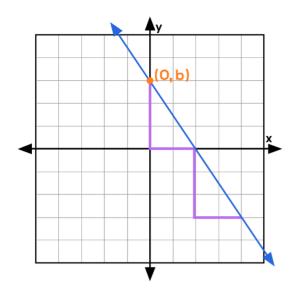
LINEAR EQUATIONS: GUIDED NOTES

\$1000-1000-1000 Form: y = 100x + 10

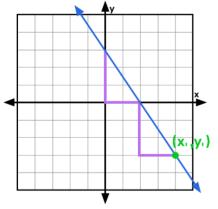


b=y-intercept; the point where the line crosses the y - axis

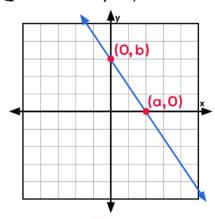
Slope =
$$\frac{\text{rise}}{\text{run}}$$

= $\frac{\Delta y}{\Delta x} = \frac{y_2 - y_1}{x_2 - x_1}$





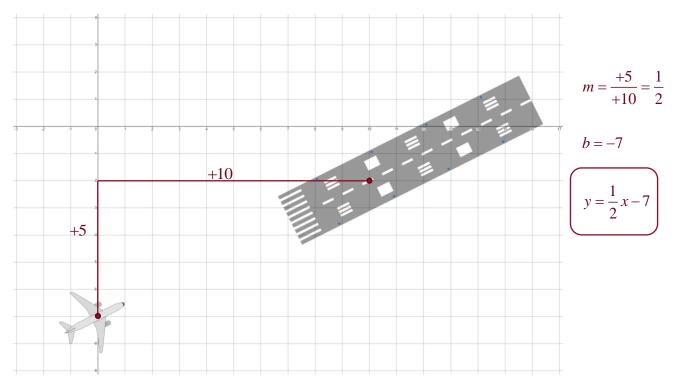




m=slope (x_0,y_0) any point on the line

most user-friendly form when working with xand y-intercepts

Screen 9



Screen 10

