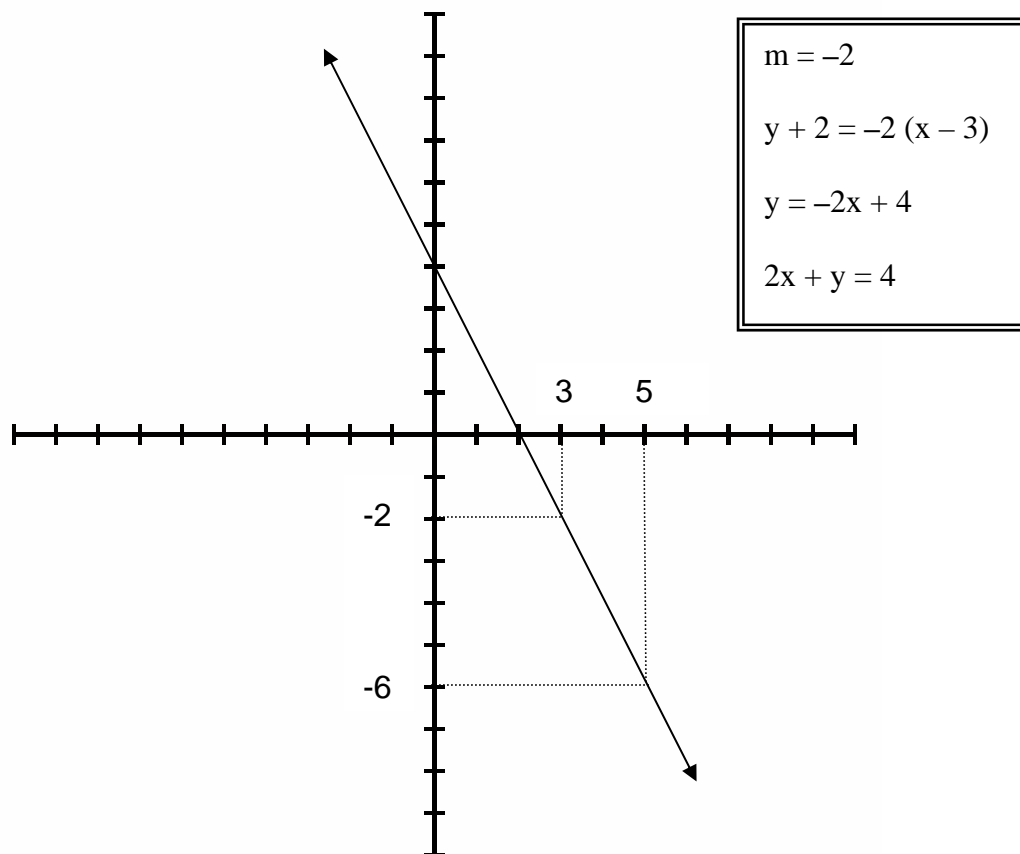




Graphing Straight Lines



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

Slope, the ratio of “rise” to “run”

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

Point-slope form, slope m , through (x_1, y_1)

$$y = mx + b$$

Slope-intercept form, y -intercept b , slope m

$$Ax + By = C$$

Standard form, x -intercept C/A ,
 y -intercept C/B , slope $-A/B$



Graphing Straight Lines

