

The Learning Center

2500 North River Road | Manchester, NH 03106-1045 | Phone: 603.645.9606 | Fax: 603.645.9753

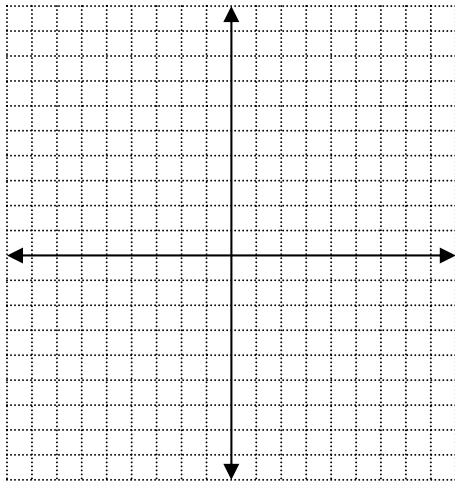
Graphing Linear Functions

Slope Intercept Form: $y = mx + b$ $F(x) = mx + b$

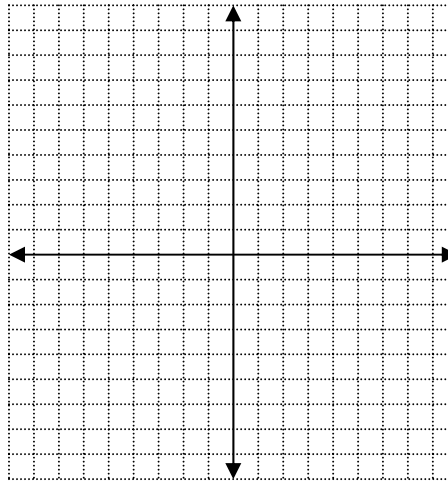
Recall: Slope refers to the constant rate of change.

Slope = $\frac{\text{Rise}}{\text{Run}} = \frac{\text{Change in } y}{\text{Change in } x}$

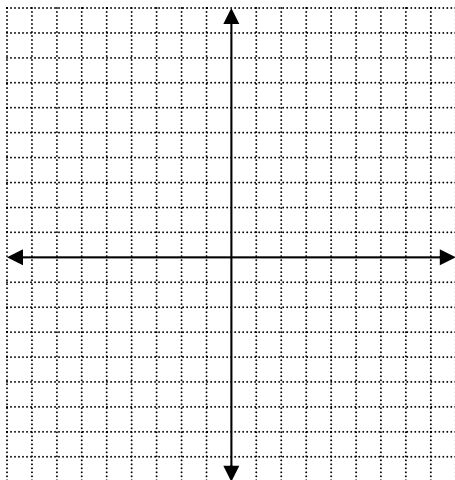
Graph: $y = \frac{3}{4}x + 2$



$y = -2x - 4$



$y = -4x$



$2x + 3y = 6$

