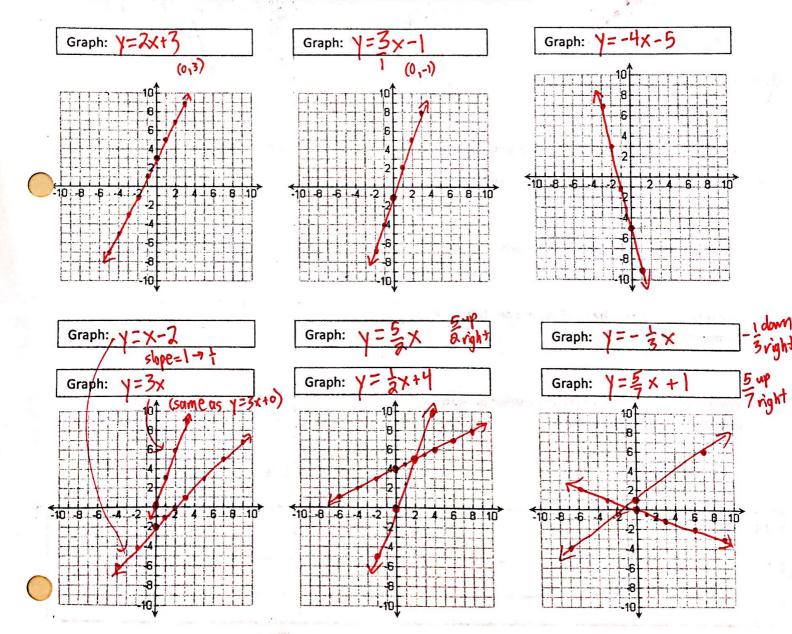
Notes Sheet: Slope-Intercept Form

SLOPE INTERCEPT FORM

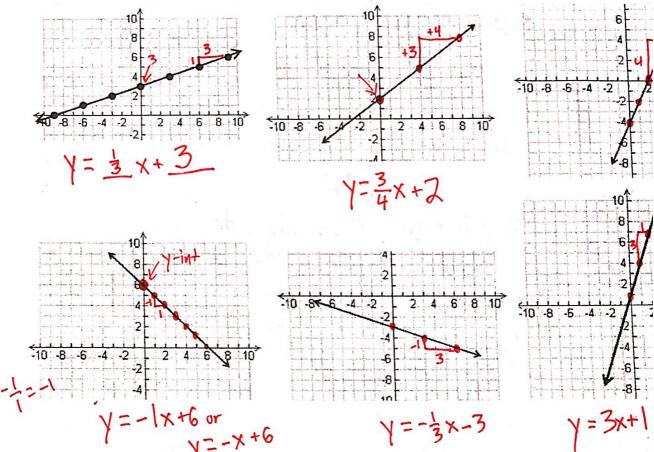
"M" is the slope-it controls how steep the line is -change in y ohange in x

"b" is the y-intercept- this is where the graph crosses the y-axis

Graphing an Equation in Slope-Intercept Form



Write an equation in slope-intercept form from the graph:



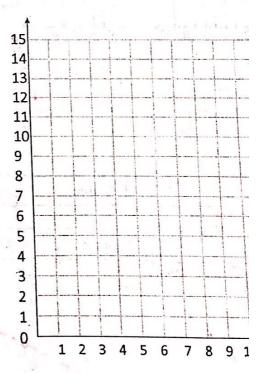
A taxi fare y can be determined by the equation y = 0.50x + 3.50, where x is the number of miles

What is the graph going to look like? Describe it.

Draw the graph. Label the x- and y-axis.

What is the slope of the line? What does this mean in terms of the situation?

What is the y-intercept of the line? What does this mean in terms of the situation?



IN ANY LINEAR REAL-WORLD SITUATION

The slope is _____

The y-intercept is _____