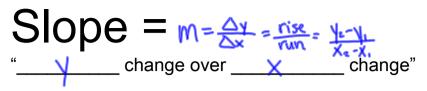
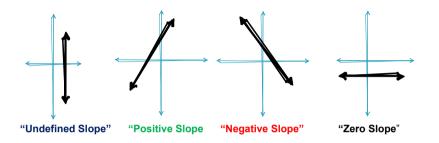
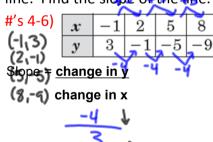
Pre 4.4 Notes.notebook October 28, 2013

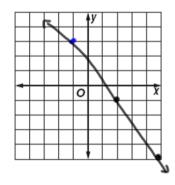




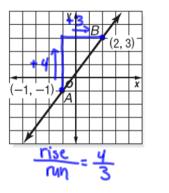


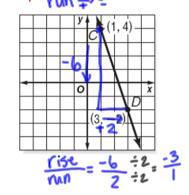
Example 2 ~ The points given in each table lie on a line. Find the slope of the line. Then graph the line. (like





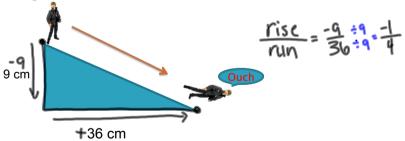
Example 1 ~ Find the Slope of each line by counng Rise/Run (like #'s 1-3)







Example 3 ~ Find the slope of given pictures by using "rise over run".(like #'s 7-8)



Example 4 ~ Find the slope of each line by using the given formula.

(like #'s 9-14)

The Slope m of a line passing through points (x_1, y_1) and (x_2, y_2) is the ratio of the difference in the y-coordinates to the corresponding difference in the x-coordinates.

The slope equation is:

The Slope
$$m$$
 of a line passing through points (x_1, y_1) and (x_2, y_2) is the ratio of the difference in the y-coordinates to the corresponding difference in the x-coordinates.

The slope equation is:

$$1. A(1, 3), B(4, 7)$$

$$M = \frac{1}{X_2 - X_1} = \frac{7 - 3}{4 - 1} = \frac{4}{3}$$



Example 4 ~ Find the slope of each line by using the given formula.

(like #'s 9-14)

The Slope m of a line passing through points (x_1, y_1) and (x_2, y_2) is the ratio of the difference in the y-coordinates to the corresponding difference in the x-coordinates.

The slope equation is:

$$M = \frac{Y_2 - Y_1}{X_2 - X_1} = \frac{5 - 5}{8 - 4} = \frac{0}{4} = 0$$

Example 4 ~ Find the slope of each line by using the given formula.

(like #'s 9-14)

The Slope m of a line passing through points (x_1, y_1) and (x_2, y_2) is the ratio of the difference in the y-coordinates to the corresponding difference in the x-coordinates.

The slope equation is:

2.
$$C(9, -1), D(7, 6)$$

$$M = \frac{y_2 - y_1}{x_2 - x_1} = \frac{6 - 1}{7 - 9} = \frac{6 + 1}{7 - 9} = \frac{7}{-2}$$

Example 4 ~ Find the slope of each line by using the given formula.

(like #'s 9-14)

The Slope m of a line passing through points (x_1, y_1) and (x_2, y_2) is the ratio of the difference in the y-coordinates to the corresponding difference in the x-coordinates. 4. R(6, -3), S(6, -4)

The slope equation is:

$$M = \frac{y_2 - y_1}{x_2 - x_1} = \frac{-4 - 3}{6 - 6} = \frac{-4 + 3}{6 - 6} = \frac{-1}{0} = undulpined$$