Agenda

Homework:

- AM
- Input/Output and slope worksheet

Materials:

- Notebook
- Ruler

DO NOW:

- Take out homework
- **Solve the following on your desk:**
- **Solve for y**

  y = 3x − 2 when x = 3

  3x − 2 = x + 8

Do Now

y = 3x − 2 when x = 3   3x − 2 = x + 8

y = 3(3) − 2

y = 9 − 2

y = 7

Slope

The steepness of a line

$$\frac{\text{rise}}{\text{run}} \qquad \frac{\text{Change in y}}{\text{Change in x}} \qquad \frac{y_2-y_1}{x_2-x_1}$$
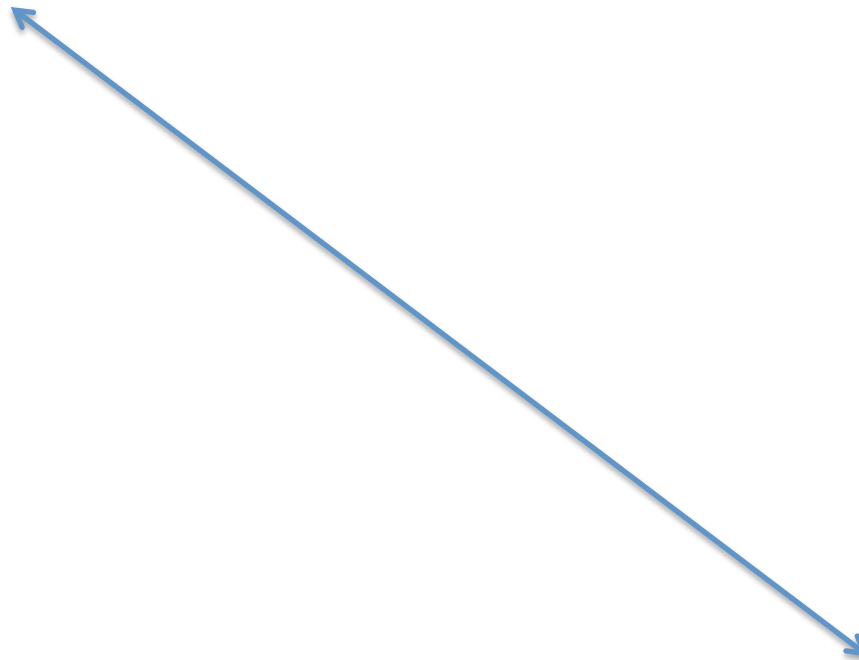
Positive Slope
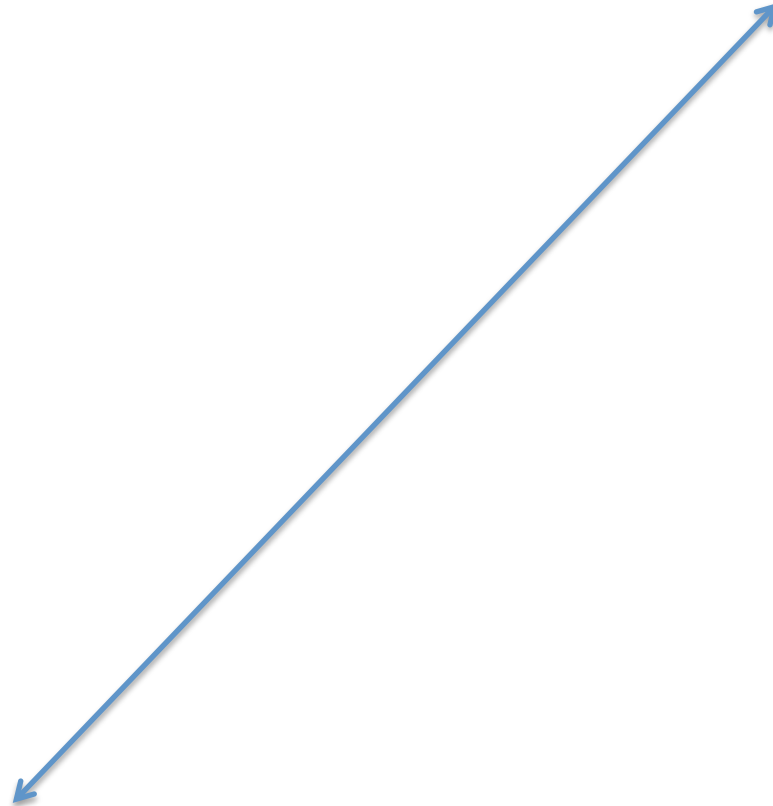
Negative Slope

Zero Slope

Undefined Slope