

Lines: Lesson 2

Slopes of Lines I: Notes

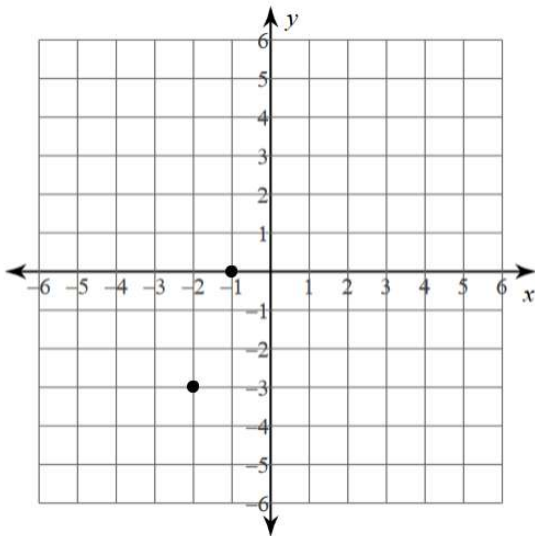
Name: _____

Examples of slope: _____ , _____

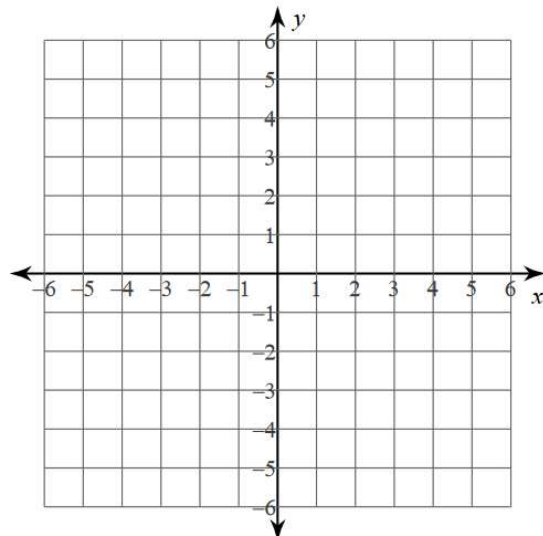
Slope = _____

Find the slope between:

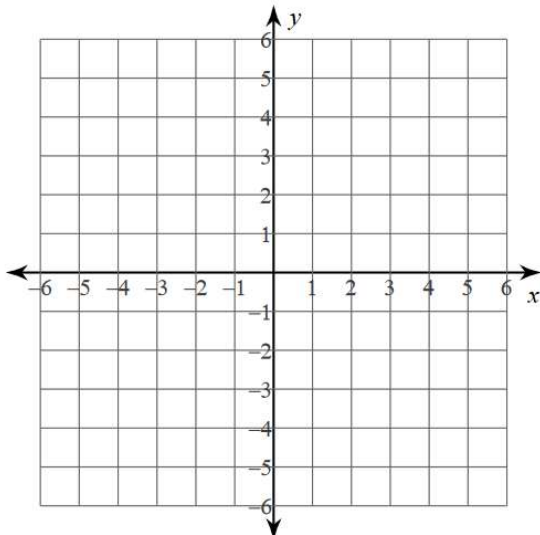
$(-2, -3)$ and $(-1, 0)$



$(-1, 1)$ and $(3, 2)$

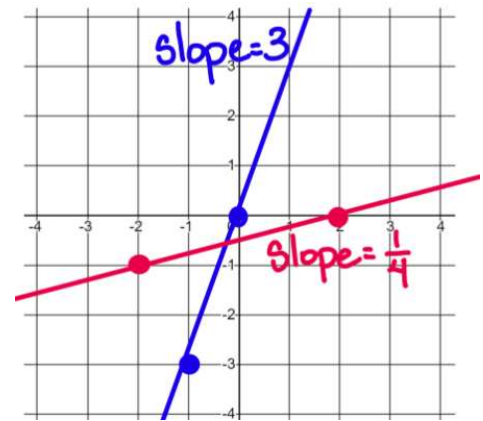


$(-2, 3)$ and $(-1, -1)$

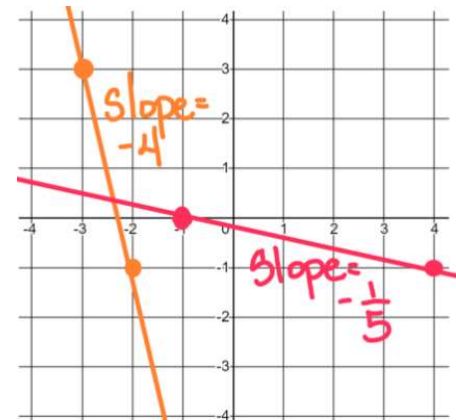


Characteristics:

1. Positive slopes go _____ from left to right.
2. The bigger the slope, the _____ the line.
Slopes closer to 0 have _____ lines.



3. Negative slopes go _____ from left to right.
4. The smaller (more negative) the slope, the _____ the line.
Slopes closer to zero have _____ lines.



Formula for Slope:

Slope = _____ $(x_1, y_1) (x_2, y_2)$

Slope between _____ $(-4, 2)$ and $(-2, 6)$

$(3, -5)$ and $(-2, -7)$