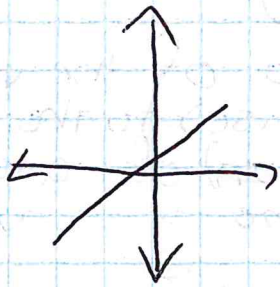


Name

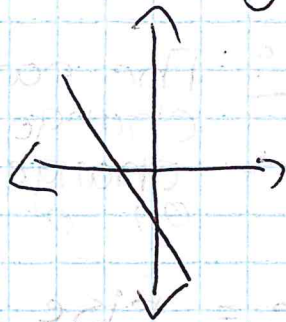
Alg I

# Find Slope and Rate of Change

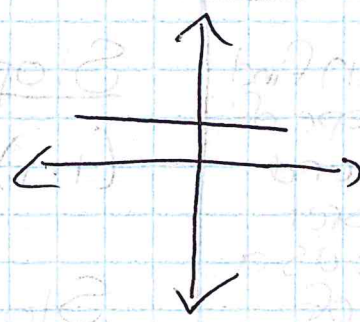
I can find the slope of a line and interpret slope as a rate of change.



Positive Slope

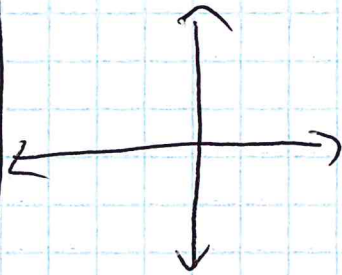


Negative Slope



Slope of  $\infty$

Ch. 3 Quiz



Undefined Slope

Rate of Change: Compares a change in 1 quantity to a change in another quantity

Example 5:

$$7) \text{ Rate of Change} = \frac{3 - 1.5}{60 - 30} = \frac{1.5}{30} = 0.05 \text{ mi/min}$$

Time (min)	Distance (miles)
30	1.5
60	3
90	4.5

$$30 \overline{) 1.50} \\ \underline{06} \\ 150$$