

Slope of a Line Part 2

Recall the slope equation: $m = \frac{\Delta y}{\Delta x}$

To find slope given a table:

- calculate the ratio of change in the “y” values to change in the “x” values
- if the rate of change is not constant, it is not a line

Example 1:

		+2	+2	+2	+2	
x	0	2	4	6	8	
y	10	6	2	-2	-4	
		-4	-4	-4	-4	

$M = -4/2 = -2$

Example 2:

		+1	+1	+1	+1	
x	0	1	2	3	4	
y	0	1	4	9	12	
		+1	+3	+5	+3	

NOT A LINE
~ NOT CONSTANT