Finding Slope From A Table

SLOPE:
Rate of Change

$$m = \frac{\Delta y}{\Delta x} = \frac{y_2 - y_1}{x_2 - x_1}$$

STEPS:

1. Find the difference in the y
2. Find the difference in the x
3. Substitute into the formula
4. Simplify your fraction (if necessary)

Examples

x	y
5	10
8	8
11	6
14	4

$\Delta y =$ _____ $\Delta x =$ _____

$$m = \frac{\Delta y}{\Delta x}$$

$m =$ _____

x	y
-2	5
0	10
2	15
4	20

$\Delta y =$ _____ $\Delta x =$ _____

$$m = \frac{\Delta y}{\Delta x}$$

$m =$ _____

x	y
3	20
6	16
12	8
15	4

$\Delta y =$ _____ $\Delta x =$ _____

$$m = \frac{\Delta y}{\Delta x}$$

$m =$ _____

x	-1	0	1	2
y	0	2	4	6

$\Delta y =$ _____ $\Delta x =$ _____

$$m = \frac{\Delta y}{\Delta x}$$

$m =$ _____

LIVEWORKSHEETS