APRIL 12
2020

PART 1 EQUATIONS

$x = y$

x	y
1	
2	
3	
4	

$2x = y$

x	y
1	
2	
3	
4	

$3x = y$

x	y
1	
2	
3	
4	

Get organized!

1) Calculate the y-values for each INPUT/OUTPUT Table.

2) Graph all 3 lines on the same coordinate plane.

3) Compare the lines.

* How does the slope change?
* What is responsible for this change?
* What would you expect for the slope of a line made from $6x = y$?

PART 2 EQUATIONS

$x = y$, $x + 1 = y$, $x - 1 = y$

1) Create INPUT/OUTPUT TABLES as shown above, where $x = 1, 2, 3, 4$

2) Calculate y-values for each table.

3) Graph all 3 lines on the same coordinate plane.

4) Compare the lines.

* Does the slope change?
* What changes?
* What caused the change?
* What would you expect from $x + 10 = y$?
  (What would the line look like & where would it be located in comparison to the others?