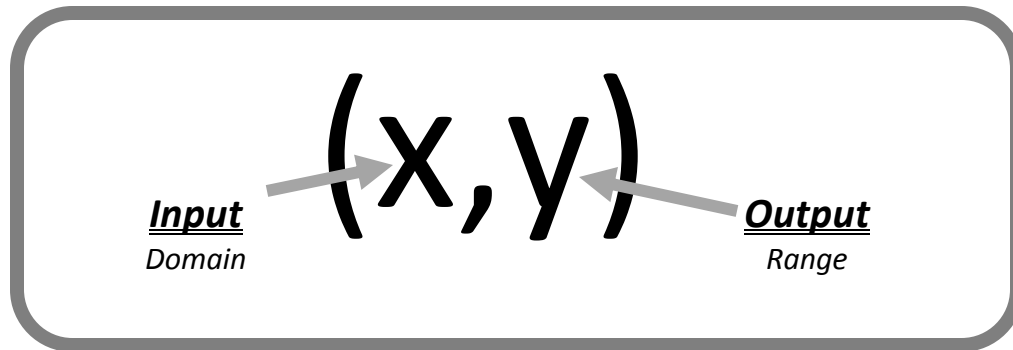
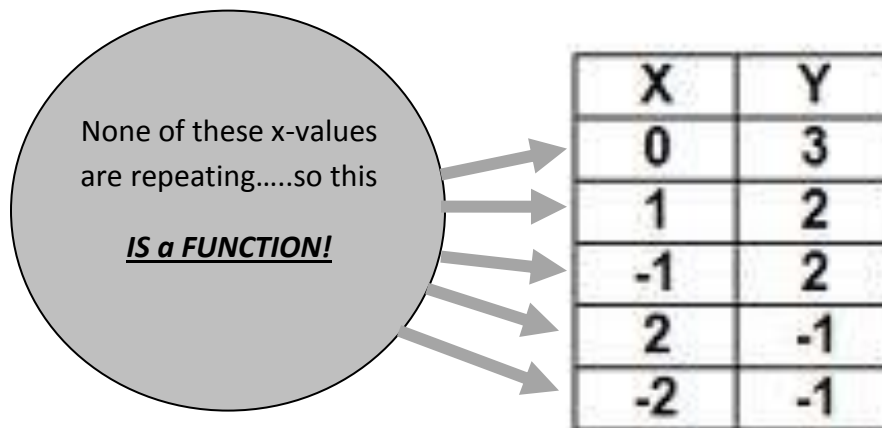


REVIEW: Functions



Is it a FUNCTION?

Remember: LOOK at the X values FIRST.....if no values are repeating then it IS A FUNCTION!



If x-values are repeating.....

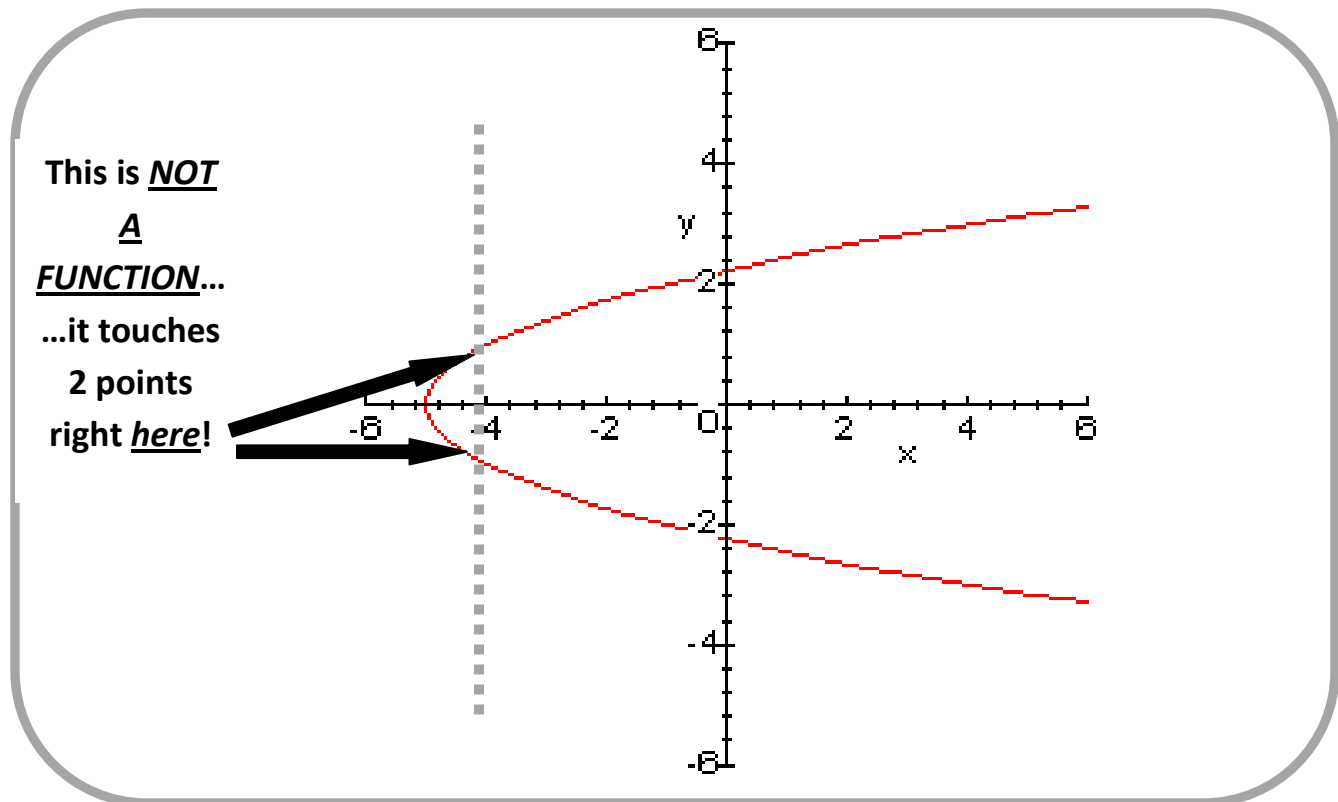
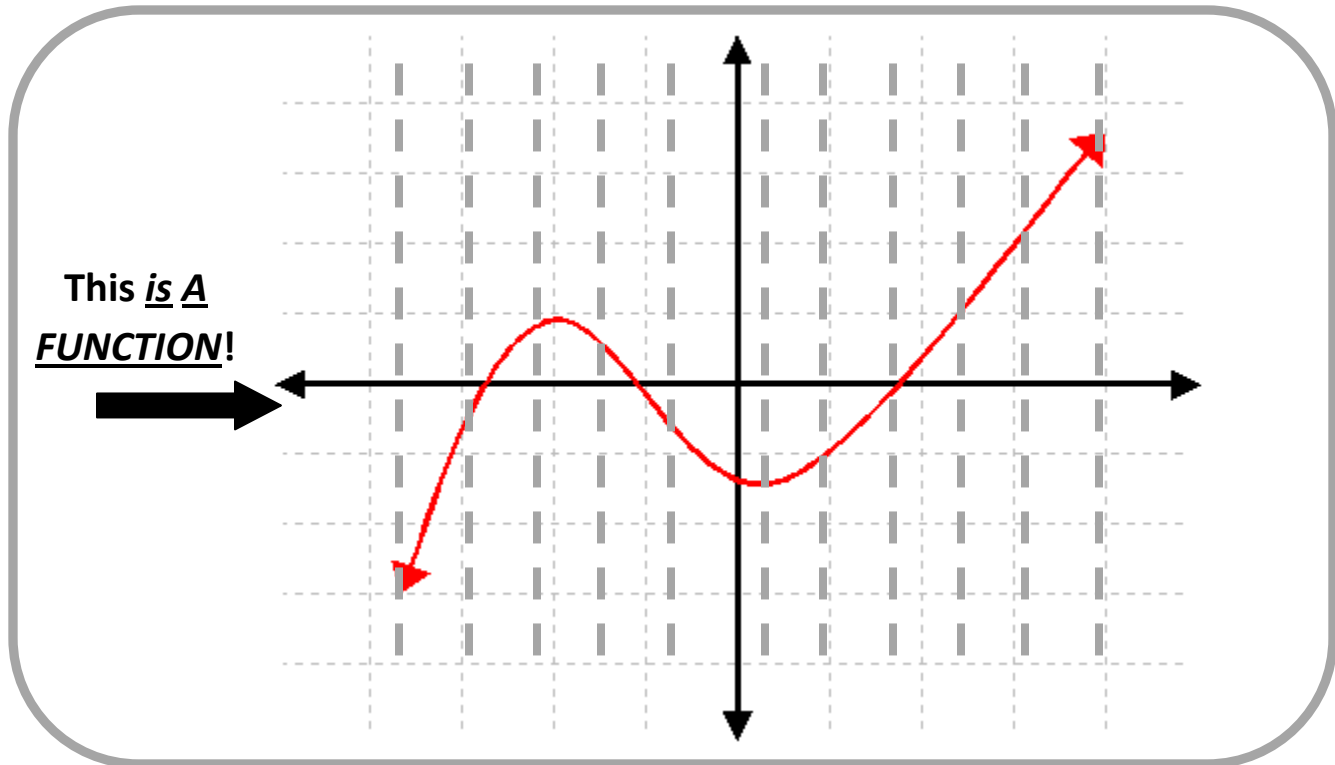
Each value MUST have the SAME y-value.....that makes it A FUNCTION.

If an x-value is repeating but has a DIFFERENT y-value.....it is NOT a FUNCTION!

The Vertical Line Test

When given a GRAPH, it is a FUNCTION if.....

A VERTICAL LINE does **NOT** touch 2 points at the same time.



Graphing a FUNCTION and making a TABLE

When you are given a function that looks like this:

$$y = 2x + 2$$

You need to.....

Put the
EQUATION in
the MIDDLE!

Step 1: Set-up a FUNCTION TABLE....like this →

x	$y = 2x + 2$	y

Step 2: Choose 3 values for x
(Hint: use 0, 1, 2!)

Step 3: SUBSTITUTE each value in for the **X** in the EQUATION to get the y-values.

Step 4: GRAPH each ORDERED PAIR and connect the points to form a LINE.

Step 5: LABEL the line with the EQUATION

