FM2 - Unit 2 Functions

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1.	**Continuous Graph**	A graph that is unbroken.
2.	**Dependent Variable**	Variable that changes as a result of a change in the independent variable. The output or y-value.
3.	**Discrete Graph**	A graph composed of isolated parts.
4.	**Domain**	All possible input values (x values)
5.	**Function Notation**	To write a rule in function notation, you use the symbol f(x) in place of y.
6.	**Horizontal Line Test**	The inverese of a function f is also a function if and only if no horizontal line intersects the graph of f more than onces
7.	**Independent Variable**	A variable whose values are independent of changes in the values of other variables. The input or x-value.
8.	**Input**	x value, domain
9.	**Inverse Function**	The function that results from exchanging the domain (x-values) and range (y-values) of a one-to-one function.
10.	**Linear Function**	A function with a constant rate of change; often in the form y = mx + b
11.	**Nonlinear Function**	A function with a variable term that has an exponent other than 1 or 0.
12.	**Output**	y value, range
13.	**Range**	All possible output values (y values)
14.	**Reflection**	A transformation that flips the figure over a line
15.	**Relation**	Any set of ordered pairs.
16.	**Vertical Line Test**	If no vertical line intersects a graph in more than one point then the graph represents a function.