Unit 4: BF-Building Functions	

4.0	In addition to Score 3.0, in-depth inferences and applications that go beyond what was taught.	
	3.5	*In addition to score 3.0 performance, partial success at score 4.0 content*

3.0	Write a function that describes a relationship between two quantities. **(BF.A.1)**
	     1. Determine an explicit expression, a recursive process, or steps for calculation from a context.
	     2. Combine standard function types using arithmetic operations. For example, build a function that models the temperature of a cooling body by adding a constant function to a decaying exponential, and relate these functions to the model.
	     3. (+) Compose functions. For example, if T(y) is the temperature in the atmosphere as a function of height, and h(t) is the height of a weather balloon as a function of time, then T(h(t)) is the temperature at the location of the weather balloon as a function of time.
	   ● I can write a function given two quantities.
	   ● When given an absolute value function in words or in function notation, I can make sense of it, and can create a table of values and a graph to represent it.
	 Find inverse functions. **(BF.B.4)**
	     1. Solve an equation of the form f(x) = c for a simple function f that has an inverse and write an expression for the inverse. For example, f(x) =2 x3 or f(x) = (x+1)/(x−1) for x ≠ 1.
	     2. (+) Verify by composition that one function is the inverse of another.
	     3. (+) Read values of an inverse function from a graph or a table, given that the function has an inverse.
	     4. (+) Produce an invertible function from a non–invertible function by restricting the domain.
	   ● When I have an equation that defines a linear function, I know how to find its inverse.
	   ● I can write a linear function to model given data and find the inverse of the function.
	   ● When given a linear function defined using function notation, I know how to find its inverse.	

	2.5	No major errors or omissions regarding score 2.0 content and partial success at score 3.0 content

2.0	**The student will recognize or recall specific vocabulary, such as:****
	 (BF.A.1)
	   ● Function notation
	   ● Linear Function
	 (BF.B.4)
	   ● Inverse Function
	 The student will perform basic processes
	 (BF.A.1)
	   ● I can make sense of rules of functions when they are written in function notation, and create tables and graphs to represent the functions.
	 (BF.B.4)
	   ● I understand the meaning of "inverse function" and how it could be found.
	   ● When given a linear function that represents a situation, I can use words and equations to describe the inverse function	

	1.5	*Partial success at score 2.0 content and major errors or omissions regarding score 3.0 content*
1.0	With help, partial success at score 2.0 content and score 3.0 content	
	0.5	*With help, partial success at score 2.0 content but not at score 3.0 content*
0.0	Even with help, no success	