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| **Topic**: Functions | | |
| **Course**: Algebra I | | |
| **Score 4.0** | **In addition to score 3.0 performance, the student demonstrates in-depth inferences and applications that go beyond what was taught.** | |
|  | *Score 3.5* | *In addition to score 3.0 performance, partial success at score 4.0 content* |
| **Score 3.0** | **The student will:**  • Interpret statements that use function notation in terms of a context (HSF-IF.A.2)  • Evaluate functions for inputs in their domains (HSF-IF.A.2)  • Recognize that sequences are functions, sometimes defined recursively, whose domain is the subset of the integers (HSF-IF.A.3)  **The student exhibits no major errors or omissions.** | |
|  | *Score 2.5* | *No major errors or omissions regarding score 2.0 content, and partial success at score 3.0 content* |
| **Score 2.0** | **There are no major errors or omissions regarding the simpler details and processes as the student:**  • Recognizes or recalls specific terminology such as:   * Define, denote, domain, element, equation, evaluate, function, graph, input, integer, interpret, notation, output, range, recursive, sequence, set, subset   • Performs basic processes, such as:   * Understand that a function from one set (called the domain) to another set (called the range) assigns to each element of the domain exactly one element of the range (HSF-IF.A.1) * Understand that if *f* is a function and x is an element of its domain, then f(x) denotes the output of *f* corresponding to the input of x (HSF-IF.A.1) * Understand that the graph of *f* is the graph of the equation y = f(x). (HSF-IF.A.1) * Use function notation (HSF-IF.A.2)   **However, the student exhibits major errors or omissions regarding the more complex ideas and processes.** | |
|  | *Score 1.5* | *Partial success at score 2.0 content, and major errors or omissions regarding score 3.0 content* |
| **Score 1.0** | **With help, a partial understanding of some of the simpler details and processes and some of the more complex ideas and processes.** | |
|  | *Score 0.5* | *With help, partial success at score 2.0 content but not at score 3.0 content* |
| **Score 0.0** | **Even with help, no success** | |