## Reality Check (Standard) Self-Assessment

## Algebra: Unit 1

Directions: When you receive your reality check back graded, please record your score in the coordinating place below. You will need to indicate what you need to work on and do in order to be successful as well as if you plan to redo your reality check. Please color your score box accordingly.

- If you received a 4/4, please color the score box blue.
- If you received a 3.5/4, please color the score box green.
- If you received a $3 / 4$, please color the score box yellow.
- If you received a $2 / 4$, please color the score box red.

| Standard | Score: /4 | Reflection / Errors / Things I need to review | Redo? | New Score |
| :---: | :---: | :---: | :---: | :---: |
| A-REI.10. Understand that the graph of an equation in two variables is the set of all its solutions plotted in the coordinate plane, often forming a curve (which could be a line). |  |  | Yes No |  |
| F-IF.1. 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. 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 $x$. The graph of $f$ is the graph of the equation $y=f(x)$. |  |  | Yes No |  |
| F-IF.2. Use function notation, evaluate functions for inputs in their domains, and interpret statements that use function notation in terms of a context. |  |  | Yes No |  |
| F-IF.4. For a function that models a relationship between two quantities, interpret key features of graphs and tables in terms of the quantities, and sketch graphs showing key features given a verbal description of the relationship. |  |  | Yes No |  |
| F-IF.5. Relate the domain of a function to its graph and, where applicable, to the quantitative relationship it describes. |  |  | Yes No |  |
| F-IF.7a. Graph linear functions and show intercepts, maxima, and minima. |  |  | Yes No |  |
| F-IF.7b. Graph square root, cube root, and piecewise-defined functions, including step functions and absolute value functions. |  |  | Yes No |  |

