Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Per: \_\_\_\_\_\_

Algebra 1: Chapter 1 “Functions” Essential Questions

These are the questions you should be able to answer for this chapter’s individual test. Please refer to this when you view your test results on PowerSchool and if you choose to complete the reassessments. All of these will be addressed during the chapter in class, throughout homework problems and on the closure packet to help you prepare for the test, and some EQs are skills from prior math courses. Make sure you can meet all these EQs before the test and get help from your teacher if needed.

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| --- | --- | --- |
| EQ # | Description | Lesson Introduced in Text |
| 1.0 | Precision: This includes simple math calculation errors, rounding, and other basic math skills that should be expected. \*This EQ cannot be reassessed |  |
| 1.1 | I can determine if a relation is a function | 1.2.4 |
| 1.2 | I can evaluate functions for given values of x by creating a graph or table | 1.1.3 |
| 1.3 | I can evaluate functions for given values of x using function notation | 1.2.3 |
| 1.4 | I can identify the x and y intercepts in a table or graph for functions | 1.2.1 |
| 1.5 | I can describe the direction of the function (increasing/decreasing) | 1.2.1 |
| 1.6 | I can describe maximum, minimums and symmetries for functions | 1.2.1 |
| 1.7 | I can solve one variable equations without parentheses |  |
| 1.8 | I can perform operations with cube root, square root, and absolute value expressions | 1.2.2 |
| 1.9 | I can graph square root functions | 1.2.1 |