

# 1<sup>st</sup> Semester Algebra 1 Grade Tracker

| Target                      |  | Trial #1 | Trial #2 | Trial #3 | Trial #4 | Trial #5 | Final Score |
|-----------------------------|--|----------|----------|----------|----------|----------|-------------|
| Solving Equations           | T1 – I can solve equations in one variable and justify each step. (multi-step, distributive property, proportions, fractions, no solution, infinite solutions)   |          |          |          |          |          |             |
|                             | T2 – I can solve literal equations.  |          |          |          |          |          |             |
|                             | T3 – I can model & solve real world situations using an equation in one variable.  |          |          |          |          |          |             |
| Functions                   | T4 – I can express a pattern in multiple representations. (equation, table, graph with overview of linear, quadratic, absolute value)  |          |          |          |          |          |             |
|                             | T5 – I can determine whether a relation is a function. (mapping diagram, vertical line test, table of values)  |          |          |          |          |          |             |
|                             | T6 – I can evaluate a function using proper notation. (input/output)   |          |          |          |          |          |             |
|                             | T7 – I can identify and interpret key features of a function in multiple representations. (function families transformed, domain & range, intercepts, discrete vs continuous, restrictions in real-life) |          |          |          |          |          |             |
| Systems Linear Functions of | T8 – I can estimate, calculate, compare and interpret slopes (rate of change.)   |          |          |          |          |          |             |
|                             | T9 – I can graph a line. (slope-intercept, point-slope, standard forms)  |          |          |          |          |          |             |
|                             | T10 – I can write an equation of a line. (slope-intercept, point-slope, standard forms)  |          |          |          |          |          |             |
|                             | T11 – I can model and interpret linear relationships.  |          |          |          |          |          |             |
|                             | T12 – I can solve a system of equations in two variables by graphing.  |          |          |          |          |          |             |

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|              | T13 – I can solve a system of equations in two variables using substitution. |  |  |  |  |  |  |
|              | T14 – I can solve a system of equations in two variables using elimination.  |  |  |  |  |  |  |
|              | T15 – I can model & solve real world situations using a system of equations. |  |  |  |  |  |  |
| Inequalities | T16 – I can solve & graph inequalities in one variable (number line).        |  |  |  |  |  |  |
|              | T17 – I can solve & graph linear inequalities (coordinate plane).            |  |  |  |  |  |  |
|              | T18 – I can solve a system of linear inequalities.                           |  |  |  |  |  |  |
|              | T19 – I can model & solve real world situations using inequalities.          |  |  |  |  |  |  |