

# IDAHO CONTENT STANDARDS CORRELATED TO MERIT SOFTWARE MATH PROGRAMS.

## Elementary School

Goal	Expectation	Merit Software
Goal 1.2: Perform computations accurately.	<p>6.M.1.2.2 Add, subtract, multiply, and divide whole numbers, decimals, and simple fractions (including unlike denominators).</p> <p>5. .M.1.2.4 Add and subtract fractions with like denominators without simplification.</p>	<p>Fraction Shape-Up</p> <p>Pre-Algebra Shape-Up</p>

## Middle School

Goal	Expectation	Merit Software
Goal 3.1: Use algebraic symbolism as a tool to represent mathematical relationships.	<p>8.M.3.1.1 Use variables in expressions, equations, and inequalities</p> <p>8.M.3.1.2 Translate simple word statements and story problems into algebraic expressions and equations.</p> <p>8.M.3.1.3 Use symbols “&lt;,” “&gt;,” “=,” “≠,” “≤,” and “≥” to express relationships</p>	<p>Pre-Algebra Shape-Up</p> <p>Basic Algebra Shape-Up</p>
Goal 3.2: Evaluate algebraic expressions	8.M.3.2.1 Use and apply the following properties in	Pre-Algebra Shape-Up

	evaluating algebraic expressions: commutative, associative, identity, zero, inverse, distributive, and substitution	Basic Algebra Shape-Up
Goal 3.3: Solve algebraic equations and inequalities.	8.M.3.3.1 Solve one- and two-step equations and inequalities.	Pre-Algebra Shape-Up Basic Algebra Shape-Up

### High School

Goal	Expectation	Merit Software
Goal 3.1: Use algebraic symbolism as a tool to represent mathematical relationships.	10.M.3.1.1 Represent mathematical relationships using variables, expressions, linear equations and inequalities.	Algebra Shape-Up
Goal 3.2: Evaluate algebraic expressions	10.M.3.2.1 Use appropriate procedures for manipulating and simplifying algebraic expressions involving variables, integers, and rational numbers.	Algebra Shape-Up
Goal 3.3: Solve algebraic equations and inequalities.	10.M.3.3.1 Use appropriate procedures to solve multi-step, first-degree equations and inequalities; such as $3(2x - 5) = 5x + 7$ or $3(2x - 5) > 5x + 7$ .	Algebra Shape-Up