

Student Name: _____ Period: _____

MATH "I CAN" Goals & Checklist

<u>Seventh Grade</u>	Mastery Test Passed
1. I can add, subtract, multiply, and divide rational numbers (integers, fractions, and terminating decimals) and take positive rational numbers to whole-number powers.	
2. I can convert fractions to decimals and percents in order to use them to solve problems.	
3. I can solve problems that involve discounts, markups, commissions, and profit and simple and compound interest.	
4. I can multiply, divide, and simplify rational numbers by using exponent rules.	
5. I can simplify numerical expressions by applying properties of rational numbers (e.g., identity, inverse, distributive, associative, commutative) and justify the process used.	
6. I can understand and use algebraic terminology (e.g., variable, equation, term, coefficient, inequality, expression, constant) correctly.	
7. I can explain and graph linear functions and know that the ratio ("rise over run") is called the slope of a graph.	
8. I can solve two-step linear equations and inequalities in one variable over the rational numbers, interpret the solution or solutions in the context from which they arose, and verify the reasonableness of the results.	
9. I can solve multistep problems involving rate, average speed, distance, and time or a direct variation.	
10. I can use measures expressed as rates (e.g., speed, density) and measures expressed as products (e.g., person-days) to solve problems.	
11. I can identify Pythagorean theorem and its converse and I can use it to find the length of the missing side of a right triangle and the lengths of other line segments.	
12. I can understand the meaning of the minimum, the lower quartile, the median, the upper quartile, and the maximum of a data set and I can compute these using a specific data set.	