

Student Name: _____ Period: _____

MATH "I CAN" Goals & Checklist

<u>Eighth Grade</u>	Mastery Test Passed
1. I can understand and use such operations such as taking the opposite, finding the reciprocal, taking a root, and raising to a fractional power. I understand and can use the rules of exponents.	
2. I can simplify expressions prior to solving linear equations and inequalities in one variable, such as $3(2x-5) + 4(x-2) = 12$.	
3. I can solve multistep problems, including word problems, involving linear equations and linear inequalities in one variable and provide justification for each step.	
4. I can graph a linear equation and compute the x- and y-intercepts (e.g., graph $2x + 6y = 4$), and sketch the region defined by linear inequality.	
5. I can verify that a point lies on a line, given an equation of the line and I can derive linear equations using the point-slope formula.	
6. I can solve a system of two linear equations in two variables algebraically and I am able to interpret the answer graphically.	
7. I can solve multistep problems (including word problems) by adding, subtracting, multiplying, and dividing monomials and polynomials.	
8. I can apply basic factoring techniques to second-and simple third-degree polynomials.	
9. I can simplify fractions with polynomials in the numerator and denominator by factoring both and reducing them to the lowest terms.	
10. I can add, subtract, multiply, and divide rational expressions and functions.	