Name _____

6th Grade Standards Mastery Tracker									
Ratios and Proportional Relationships	Level 1	Level 2	Level 3	Level 4	**The Number System - continued**	Level 1	Level 2	Level 3	Level 4
I can use ratios to compare data. (6.RP.A.1)					I can recognize opposite signs of numbers as indicating places on opposite sides of 0 on the number line. (6.NS.C.6a)				
I can understand how to find a rate when given a specific ratio. (6.RP.A.2)					I can understand signs of numbers in ordered pairs as indicating locations in quadrants of the coordinate plane. (6.NS.C.6b)				
I can solve word problems related to ratios in order to figure out the rate. (6.RP.A.3)					I can place integers and other numbers on a number line diagram. I can place ordered pairs on a coordinate plane. (6.NS.C.6c)				
I can make tables of equivalent ratios, find missing values in the tables, plot those values on a coordinate plane, and use the tables to compare ratios. (6.RP.A.3a)					I can order positive and negative numbers. I can understand absolute value of rational numbers. (6.NS.C.7)				
I can solve unit rate problems. (6.RP.A.3b)					I can understand the distance between two numbers (positive (6.NS.C.7a)				
I can solve problems involving finding the whole if I am given a part and the percent. (6.RP.A.3c)					I can write, understand, and explain what rational numbers mean in real-world situations. (6.NS.C.7b)				
I can use what I know about ratios to convert units of measurement. (6.RP.A.3d)					I can understand the absolute value as the number's distance from 0 on the number line. I can understand absolute values as they apply to real-world situations. (6.NS.C.7c)				
The Number System					I can compare absolute values of positives and negatives to determine which number is farther from zero. (6.NS.C.7d)				
I can compute and solve word problems involving division of fractions. (6.NS.A.1)					I can graph in all four quadrants of the coordinate plane to help me solve real-world and mathematical problems. (6.NS.C.8)				
I can understand and use positive and negative numbers to represent quantities in real-world situations. (6.NS.C.5)					**Expressions and Equations**				
I can understand that a rational number is a point on a number line. I can extend number line diagrams to show positive and negative numbers on the line and in the plane. (6.NS.C.6)					I can write and figure out numerical expressions that have whole-number exponents. (6.EE.A.1)				

6th Grade Standards Mastery Tracker									
Expressions and Equations continued	Level 1	Level 2	Level 3	Level 4	Expressions and Equations continued	Level 1	Level 2	Level 3	Level 4
I can write, read and figure out expressions in which letters stand for numbers. (6.EE.A.2)					I can use variables to represent numbers and write expressions to solve real-world problems. I can understand that a variable can stand for an unknown number or any number in a given set of numbers. (6.EE.B.6)				
I can write expressions with numbers and with letters standing for numbers. (6.EE.A.2a)					I can solve real-world and mathematical problems by writing and solving equations of the form x + p = q and px = q (where p, q and x are all nonnegative rational numbers). (6.EE.B.7)				
I can name the parts of an expression using mathematical words (sum, term, product, factor, quotient, coefficient. I can look at one or more parts of an expression in different ways. (Ex: 8 + 7 can be seen as the addition sentence or as the number 15.) (6.EE.A.2b)					I can write an inequality (x > c or x < c) to stand for a limitation or condition in a real-world or mathematical problem that has infinitely many solutions. I can show the answers to problems involving inequalities on number line diagrams. (6.EE.B.8)				
I can figure out different answers to expressions when given specific values for the variable. I can solve real-world math problems involving expressions that arise from formulas. I can solve math problems including those with exponents, in the usual order (when no parentheses are there to give a particular order). (6.EE.A.2c)					I can use variables that change in relationship to one another to represent two quantities in a real-world problem. I can write an equation to show one quantity (the dependent variable) in terms of the other quantity (the independent variable). I can use graphs and tables to show the relationship between dependent and independent variables. (6.EE.C.9)				
I can apply what I know about the properties of operations (associative, commutative and distributive) to create equivalent (or equal) expressions. (6.EE.A.3)					ALEKS				
I can recognize when two expressions are equivalent. (6.EE.A.4)					RtI Tier 3, RtI 6, MS Math 1				
I can understand that solving an equation or inequality means that I find out which values can make the equation or inequality true. I can try different numbers in place of a variable to figure out which makes the equation or inequality true. (6.EE.B.5)					End of Course Assessment				

Level 1 = 1 pt., Level 2 = 2 pts., Level 3 = 3 pts., Level 4 = 4 pts. Grading Rubric points: A = (330-280 pts.), B = (279-229 pts.), C = (228-178 pts), D = (177-127pts.)