

MCCSC Pacing Guide									
7TH GRADE STANDARDS		GP 1	GP 2	GP 3	GP 4	GP 5	GP 6		
7.2.1	Solve addition, subtraction, multiplication, and division problems that use integers, fractions, and decimals, and combinations of the four operations.	X							
7.2.2	Calculate the percentage increase and decrease of a quantity.			X					
7.2.3	Solve problems that involve discounts, markups, and commissions.			X					
7.3.1	Use variables and appropriate operations to write an expression, a formula, an equation, or an inequality that represents a verbal description.		X						
7.3.2	Write and solve two-step linear equations and inequalities in one variable and check the answers.		X						
7.3.4	Evaluate numerical expressions and simplify algebraic expressions by applying the correct order of operations and the properties of rational numbers (e.g., identity, inverse, commutative, associative, distributive properties). Justify each step in the process.	X							
7.3.7	Find the slope of a line from its graph.					X			
7.3.8	Draw the graph of a line given the slope and one point on the line, or two points on the line					X			

7.3.9	Identify functions as linear and nonlinear and examine their characteristics in tables, graphs, and equations					X			Remove (parts) for 2013-2014 CCSS
7.3.10	Identify and describe situations with constant or varying rates of change and know that a constant rate of change describes a linear function.					X			
7.5.1	Compare lengths, areas, volumes, weights, capacities, times, and temperatures within measurement systems					X			
7.5.2	Use experimentation and modeling to visualize similarity problems. Solve problems using similarity.					X			
7.5.3	Read and create drawings made to scale, construct scale models, and solve problems related to scale.					X			
7.5.4	Use formulas for finding the perimeter and area of basic two-dimensional shapes and the surface area and volume of basic three-dimensional shapes, including rectangles, parallelograms, trapezoids, triangles, circles, right prisms, and cylinders					X			
7.5.5	Estimate and compute the area of more complex or irregular two-dimensional shapes by dividing them into more basic shapes					X			
CCSS									
7.RP.1	Compute unit rates associated with ratios of fractions, including ratio of lengths, areas, and other quantities measured in like or different units.							X	

