



# Math Teachers Press, Inc.

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## FLORIDA MATHEMATICS STANDARDS CORRELATED TO *MOVING WITH MATH® EXTENSIONS GRADE 6*

		Student Book	Skill Builders
<b>ALGEBRA</b>			
<b>IDEA 1: Develop an understanding of and fluency with multiplication and division of fractions and decimals.</b>			
<b>MA.6.A.1.1</b>	Explain and justify procedures for multiplying and dividing fractions and decimals.	32, 34, 45-47	19-1, 19-2, 20-1, 27-1, 27-2, 28-1, 28-2
<b>MA.6.A.1.2</b>	Multiply and divide fractions and decimals efficiently.	32, 44, 45, 48, 49	19-2, 20-1, 27-1, 27-2
<b>MA.6.A.1.3</b>	Solve real-world problems involving multiplication and division of fractions and decimals.	32, 33, 45, 48, 49	20-1, 27-1, 28-1, 28-2
<b>IDEA 2: Connect ratio and rates to multiplication and division.</b>			
<b>MA.6.A.2.1</b>	Use reasoning about multiplication and division to solve ratio and rate problems.		
<b>MA.6.A.2.2</b>	Interpret and compare ratios and rates.		
<b>IDEA 3: Write, interpret, and use mathematical expressions and equations.</b>			
<b>MA.6.A.3.1</b>	Write and evaluate mathematical expressions that correspond to given situations.		45-5
<b>MA.6.A.3.2</b>	Write, solve, and graph one- and two-step linear equations and inequalities.		
<b>MA.6.A.3.3</b>	Work backward with two-step function rules to undo expressions.		
<b>MA.6.A.3.4</b>	Solve problems given a formula.		
<b>MA.6.A.3.5</b>	Apply the Commutative, Associative, and Distributive Properties to show that two expressions are equivalent.		50-1
<b>MA.6.A.3.6</b>	Construct and analyze tables, graphs and equations to describe linear functions and other simple relations using both common language and algebraic notation.		

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<b>SUPPORTING IDEAS</b>			
<b>GEOMETRY AND MEASUREMENT</b>			
<b>MA.6.G.4.1</b>	Understand the concept of $\pi$ , know common estimates of $\pi$ (3.14; $22/7$ ) and use these values to estimate and calculate the circumference and the area of circles.		
<b>MA.6.G.4.2</b>	Find the perimeters and areas of composite two-dimensional figures, including non-rectangular figures (such as semicircles) using various strategies.	56, 57	38-1, 38-2
<b>MA.6.G.4.3</b>	Determine a missing dimension of a plane figure or prism, given its area or volume and some of the dimension, or determine the area or volume given the dimensions.	57, 58	38-2, 39-1
<b>NUMBER AND OPERATIONS</b>			
<b>MA.6.A.5.1</b>	Use equivalent forms of fractions, decimals, and percents to solve problems.	40	30-1
<b>MA.6.A.5.2</b>	Compare and order fractions, decimals, and percents, including finding their approximate location on a number line.	35	14-1
<b>MA.6.A.5.3</b>	Estimate the results of computations with fractions, decimals, and percents and judge the reasonableness of the results.	21, 26	
<b>DATA ANALYSIS</b>			
<b>MA.6.S.6.1</b>	Determine the measures of central tendency (mean, median and mode) and variability (range) for a given set of data.	18, 19	
<b>MA.6.S.6.2</b>	Select and analyze the measures of central tendency or variability to represent, describe, analyze and/or summarize a data set for the purposes of answering questions appropriately.	19	