



# Math Teachers Press, Inc.

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## FLORIDA MATHEMATICS STANDARDS CORRELATED TO *MOVING WITH MATH® EXTENSIONS GRADE 5*

		Student Book	Skill Builders
<b>ALGEBRA</b>			
<b>IDEA 1: Develop an understanding of and fluency with division of whole numbers.</b>			
<b>MA.5.A.1.1</b>	Describe the process of finding quotients involving multi-digit dividends using models, place value, properties and the relationship of division to multiplication.	19, 20, 23-25	9-1, 10-1
<b>MA.5.A.1.2</b>	Estimate quotients or calculate them mentally depending on the context and numbers involved.	23, 25	10-3
<b>MA.5.A.1.3</b>	Interpret solutions to division situations including those with remainders depending on the context of the problem.	19-25	
<b>MA.5.A.1.4</b>	Divide multi-digit whole numbers fluently, including solving real-world problems demonstrating understanding of the standard algorithm and checking the reasonableness of results.	19-25	9-1, 10-1, 10-3
<b>IDEA 2: Develop an understand of and fluency with addition and subtraction of fractions.</b>			
<b>MA.5.A.2.1</b>	Represent addition and subtraction of decimals and fractions with like and unlike denominators using models, place value or properties.	33-38, 46, 47, 49	15-1 to 15-3, 17-2 to 17-4, 26-1
<b>MA.5.A.2.2</b>	Add and subtract fractions and decimals fluently and verify the reasonableness of results, including in problem situations.	33, 37, 38, 46-49	15-2, 15-3, 17-2, 17-3, 26-1
<b>MA.5.A.2.3</b>	Make reasonable estimates of fraction and decimal sums and differences, and use techniques for rounding.		
<b>MA.5.A.2.4</b>	Determine the prime factorization of numbers.		
<b>GEOMETRY</b>			

		<b>Student Book</b>	<b>Skill Builders</b>
<b>MA.5.G.3.1</b>	Analyze and compare the properties of two-dimensional figures and three-dimensional solids (polyhedra), including the number of edges, faces, vertices, and types of faces.	53, 54	34-1
<b>MA.5.G.3.2</b>	Describe, define and determine surface area and volume of prisms by using appropriate units and selecting strategies and tools.	59	
<b>SUPPORTING IDEAS</b>			
<b>ALGEBRA</b>			
<b>MA.5.A.4.1</b>	Use the properties of equality to solve numerical and real world situations.		
<b>MA.5.A.4.2</b>	Construct and describe a graph showing continuous data, such as a graph of a quantity that changes over time.		
<b>GEOMETRY AND MEASUREMENT</b>			
<b>MA.5.G.5.1</b>	Identify and plot ordered pairs on the first quadrant of the coordinate plane.		44-2
<b>MA.5.G.5.2</b>	Compare, contrast, and convert units of measure within the same dimension (length, mass, or time) to solve problems.	55, 61, 62	36-1, 40-1, 41-1, 42-1
<b>MA.5.G.5.3</b>	Solve problems requiring attention to approximation, selection of appropriate measuring tools, and precision of measurement.	55	
<b>MA.5.G.5.4</b>	Derive and apply formulas for areas of parallelograms, triangles, and trapezoids from the area of a rectangle.		
<b>NUMBER AND OPERATIONS</b>			
<b>MA.5.A.6.1</b>	Identify and relate prime and composite numbers, factors and multiples within the context of fractions.	7, 36	4-1
<b>MA.5.A.6.2</b>	Use the order of operations to simplify expressions which include exponents and parentheses.		
<b>MA.5.A.6.3</b>	Describe real-world situations using positive and negative numbers.		
<b>MA.5.A.6.4</b>	Compare, order, and graph integers, including integers shown on a number line.		
<b>MA.5.A.6.5</b>	Solve non-routine problems using various strategies including "solving a simpler problem" and "guess, check, and revise."	13, 18, 26	45-1, 45-5

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	<b>DATA ANALYSIS</b>		
<b>MA.5.S.7.1</b>	Construct and analyze line graphs and double bar graphs.	63	48-1
<b>MA.5.S.7.2</b>	Differentiate between continuous and discrete data and determine ways to represent those using graphs and diagrams.		