



# Math Teachers Press, Inc.

4850 Park Glen Road, Minneapolis, MN 55416  
 phone (800) 852-2435 fax (952) 546-7502

## FLORIDA MATHEMATICS STANDARDS CORRELATED TO MOVING WITH MATH®-BY-TOPIC LEVEL C 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.	<b>CI:</b> 52-57	9-1, 9-4, 10-1, 10-2, 10-5
<b>MA.5.A.1.2</b>	Estimate quotients or calculate them mentally depending on the context and numbers involved.	<b>CI:</b> 54	10-2, 10-7
<b>MA.5.A.1.3</b>	Interpret solutions to division situations including those with remainders depending on the context of the problem.	<b>CI:</b> 58, 65	
<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.	<b>CI:</b> 54, 57, 62, 65, 67	9-3
<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.	<b>CI:</b> 30-33, 38, 39, 42, 43, 77-79	15-1, 15-2, 15-4, 17-4, 26-1 to 26-3
<b>MA.5.A.2.2</b>	Add and subtract fractions and decimals fluently and verify the reasonableness of results, including in problem situations.	<b>CI:</b> 30-33, 42, 47, 57, 77-79	15-1 to 15-5, 17-1 to 17-3, 26-1 to 26-3
<b>MA.5.A.2.3</b>	Make reasonable estimates of fraction and decimal sums and differences, and use techniques for rounding.	<b>CI:</b> 46, 47, 57, 75, 80	
<b>MA.5.A.2.4</b>	Determine the prime factorization of numbers.	<b>CI:</b> 20	
<b>GEOMETRY</b>			

		Student Book	Skill Builders
<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.	<b>CIII:</b> 18, 20	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.	<b>CIII:</b> 47-49	39-2
<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>CIII:</b> 70	
<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.	<b>CI:</b> 73	
<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.	<b>CIII:</b> 55-57	36-3, 36-4, 40-2, 41-1
<b>MA.5.G.5.3</b>	Solve problems requiring attention to approximation, selection of appropriate measuring tools, and precision of measurement.	<b>CIII:</b> 31, 34	
<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.	<b>CI:</b> 18 <b>CII:</b> 22, 23	4-2
<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>CI:</b> 77	
<b>MA.5.A.6.4</b>	Compare, order, and graph integers, including integers shown on a number line.	<b>CI:</b> 78	
<b>MA.5.A.6.5</b>	Solve non-routine problems using various strategies including "solving a simpler problem" and "guess, check, and revise."	<b>CI:</b> 69-72, 76	20-4

		Student Book	Skill Builders
	<b>DATA ANALYSIS</b>		
<b>MA.5.S.7.1</b>	Construct and analyze line graphs and double bar graphs.	<b>CIII:</b> 66, 67, 70	48-11
<b>MA.5.S.7.2</b>	Differentiate between continuous and discrete data and determine ways to represent those using graphs and diagrams.	<b>CIII:</b> 70	
	<b>CI: <i>Numeration and Problem Solving</i></b>		
	<b>CII: <i>Fractions, Decimals and Percent</i></b>		
	<b>CIII: <i>Geometry and Measurement</i></b>		