



# Math Teachers Press, Inc.

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

## FLORIDA SUNSHINE STATE STANDARDS CORRELATED TO MOVING WITH ALGEBRA GRADE 7

		Part A Student Book Skill Builders (SB)	Part B Student Book Skill Builders (SB)
<b>ALGEBRA</b>			
<b>IDEA 1: Develop an understanding of and apply proportionality, including similarity.</b>			
<b>MA.7.A.1.1</b>	Distinguish between situations that are proportional or not proportional and use proportions to solve problems.	122 <b>SB: 102</b>	221, 222, 275-277 <b>SB: 187, 188, 222, 223, 246</b>
<b>MA.7.A.1.2</b>	Solve percent problems, including problems involving discounts, simple interest, taxes, tips and percents of increase or decrease.	169-179 <b>SB: 133-138</b>	
<b>MA.7.A.1.3</b>	Solve problems involving similar figures.		224, 225 <b>SB: 189</b>
<b>MA.7.A.1.4</b>	Graph proportional relationships and identify the unit rate as the slope of the related linear function.		232, 312-314, 316, 317, 332, 333 <b>SB: 197, 236-239, 254</b>
<b>MA.7.A.1.5</b>	distinguish direct variation from other relationships, including inverse variation.		315, 316 <b>SB: 254</b>
<b>MA.7.A.1.6</b>	Apply proportionality to measurement in multiple contexts, including scale drawings and constant speed.		226, 227, 231-234, 275-277 <b>SB: 191, 192, 196-199, 222, 223, 246</b>
<b>GEOMETRY</b>			
<b>MA.7.G.2.1</b>	Justify and apply formulas for surface area and volume of pyramids, prisms, cylinders, and cones.		212-214 <b>SB: 180, 182</b>
<b>MA.7.G.2.2</b>	Use formulas to find surface areas and volume of three-dimensional composite shapes.		
<b>ALGEBRA</b>			

		<b>Part A Student Book Skill Builders (SB)</b>	<b>Part B Student Book Skill Builders (SB)</b>
<b>MA.7.A.3.1</b>	Use and justify the rules for adding, subtracting, multiplying, dividing, and finding the absolute value of integers.	68-77 <b>SB:</b> 56-60	242-248 <b>SB:</b> 201-203, 205, 206
<b>MA.7.A.3.2</b>	Add, subtract, multiply, and divide integers, fractions, and terminating decimals, and perform exponential operations with rational bases and whole number exponents including solving problems in everyday contexts.	16-19, 68-78, 87, 93-96, 98-102, 124-127, 143-158, 160 <b>SB:</b> 56-60, 66, 73-83, 99, 117-123, 125-129, 142, 143	244-248 <b>SB:</b> 202-206
<b>MA.7.A.3.3</b>	Formulate and use different strategies to solve one-step and two-step linear equations, including equations with rational coefficients.		253-261 <b>SB:</b> 211-216
<b>MA.7.A.3.4</b>	Use the properties of equality to represent an equation in a different way and to show that two equations are equivalent in a given context.		256, 258, 260, 272 <b>SB:</b> 214-216, 219, 250, 251
<b>SUPPORTING IDEAS</b>			
<b>GEOMETRY AND MEASUREMENT</b>			
<b>MA.7.G.4.1</b>	Determine how changes in dimensions affect the perimeter, area, and volume of common geometric figures and apply these relationships to solve problems.		<b>SB:</b> 183
<b>MA.7.G.4.2</b>	Predict the results of transformations and draw transformed figures, with and without the coordinate plane.		204 <b>SB:</b> 171, 172
<b>MA.7.G.4.3</b>	Identify and plot ordered pairs in all four quadrants of the coordinate plane.		201, 202, 310 <b>SB:</b> 168
<b>MA.7.G.4.4</b>	Compare, contrast, and convert units of measure between different measurement systems (US customary or metric (SI)), dimensions, and derived units to solve problems.		233, 234 <b>SB:</b> 198, 199
<b>NUMBER AND OPERATIONS</b>			
<b>MA.7.A.5.1</b>	Express rational numbers as terminating or repeating decimals.	134, 140-142, 164-168 <b>SB:</b> 110, 111, 115, 116, 130-132, 145	
<b>MA.7.A.5.2</b>	Solve non-routine problems by working backwards	Throughout	
<b>DATA ANALYSIS</b>			

		<b>Part A Student Book Skill Builders (SB)</b>	<b>Part B Student Book Skill Builders (SB)</b>
<b>MA.7.S.6.1</b>	Evaluate the reasonableness of a sample to determine the appropriateness of generalizations made about the population.		
<b>MA.7.S.6.2</b>	Construct and analyze histograms, stem-and-leaf plots, and circle graphs.	179	
<b>PROBABILITY</b>			
<b>MA.7.P.7.1</b>	Determine the outcome of an experiment and predict which events are likely or unlikely, and if the experiment is fair or unfair.		
<b>MA.7.P.7.2</b>	Determine, compare, and make predictions based on experimental or theoretical probability of independent or dependent events.		