



Math Teachers Press, Inc.

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FLORIDA SUNSHINE STATE STANDARDS CORRELATED TO MOVING WITH MATH® MIDDLE/HIGH (MH) GRADE 7

	MH1 <i>Number Sense, Reasoning & Data</i> Student Book Skill Builders (SB)	MH2 <i>Fractions & Decimals</i> Student Book Skill Builders (SB)	MH3 <i>Percent & Probability</i> Student Book Skill Builders (SB)	MH4 <i>Geometry & Measurement</i> Student Book Skill Builders (SB)	MH5 <i>Algebra</i> Student Book Skill Builders (SB)
ALGEBRA					
IDEA 1: Develop an understanding of and apply proportionality, including similarity.					
MA.7.A.1.1 Distinguish between situations that are proportional or not proportional and use proportions to solve problems.		37, 38 SB: 46-2	24, 25, 27 SB: 26-2, 46-1	27, 28 SB: 26-1, 26-2, 26-3, 46-1	
MA.7.A.1.2 Solve percent problems, including problems involving discounts, simple interest, taxes, tips and percents of increase or decrease.			33-43, 50, 51 SB: 28-1 to 28-8	SB: 28-1	

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MA.7.A.1.3 Solve problems involving similar figures.				29, 30 SB: 46-2, 53-1, 53-2	
MA.7.A.1.4 Graph proportional relationships and identify the unit rate as the slope of the related linear function.					62, 64 SB: 60-5
MA.7.A.1.5 distinguish direct variation from other relationships, including inverse variation.					63
MA.7.A.1.6 Apply proportionality to measurement in multiple contexts, including scale drawings and constant speed.				31, 32 SB: 26-3, 46-3	
MA.7.G.2.1 Justify and apply formulas for surface area and volume of pyramids, prisms, cylinders, and cones.				71-76 SB: 41-1, 41-2, 62-2	
MA.7.G.2.2 Use formulas to find surface areas and volume of three-dimensional composite shapes.					

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	ALGEBRA					
MA.7.A.3.1	Use and justify the rules for adding, subtracting, multiplying, dividing, and finding the absolute value of integers.					9, 10, 13-24 SB: 48-4, 58-1 to 58-5
MA.7.A.3.2	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.	25, 26 SB: 69-1	14-20, 24-32, 56-66 SB: 12-3, 12-4, 14-1, 16-1, 21-1, 21-2, 22-1, 23-2			13-24, 28-31 SB: 58-1 to 58-5
MA.7.A.3.3	Formulate and use different strategies to solve one-step and two-step linear equations, including equations with rational coefficients.					41-47 SB: 50-2 to 50-4
MA.7.A.3.4	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.					40, 42

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SUPPORTING IDEAS					
GEOMETRY AND MEASUREMENT					
MA.7.G.4.1 Determine how changes in dimensions affect the perimeter, area, and volume of common geometric figures and apply these relationships to solve problems.				64 (T.G.), 71 (T.G.) SB: 40-2, 63-1	
MA.7.G.4.2 Predict the results of transformations and draw transformed figures, with and without the coordinate plane.				14 SB: 32-4, 49-1	
MA.7.G.4.3 Identify and plot ordered pairs in all four quadrants of the coordinate plane.				SB: 32-1, 49-1	12 SB: 49-2
MA.7.G.4.4 Compare, contrast, and convert units of measure between different measurement systems (US customary or metric (SI)), dimensions, and derived units to solve problems.				46, 56, 57 SB: 36-1, 37-1	
NUMBER AND OPERATIONS					

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MA.7.A.5.1	Express rational numbers as terminating or repeating decimals.		55 SB: 65-1			
MA.7.A.5.2	Solve non-routine problems by working backwards	52 SB: 43-10				
	DATA ANALYSIS					
MA.7.S.6.1	Evaluate the reasonableness of a sample to determine the appropriateness of generalizations made about the population.	77 SB: 68-7				
MA.7.S.6.2	Construct and analyze histograms, stem-and-leaf plots, and circle graphs.	68, 73, 74 SB: 67-1		55, 56, 58, 59 SB: 68-2, 68-3		
	PROBABILITY					
MA.7.P.7.1	Determine the outcome of an experiment and predict which events are likely or unlikely, and if the experiment is fair or unfair.			63-68 SB: 47-5		

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MA.7.P.7.2	Determine, compare, and make predictions based on experimental or theoretical probability of independent or dependent events.	78 SB: 47-1	63-68, 70-74 SB: 47-1 to 47-6		
	Correlation: 22/22 = 100%				