



Math Teachers Press, Inc.

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FLORIDA SUNSHINE STATE STANDARDS CORRELATED TO MOVING WITH MATH® MIDDLE/HIGH (MH) GRADE 8

	MH1 Number Sense, Reasoning & Data Student Book Skill Builders (SB)	MH2 Fractions & Decimals Student Book Skill Builders (SB)	MH3 Percent & Probability Student Book Skill Builders (SB)	MH4 Geometry & Measurement Student Book Skill Builders (SB)	MH5 Algebra Student Book Skill Builders (SB)
ALGEBRA					
IDEA 1: Analyze and represent linear functions and solve linear equations and systems of linear equations.					
MA.8.A.1.1 Create and interpret tables, graphs, and models to represent, analyze, and solve problems related to linear equations, including analysis of domain, range and the difference between discrete and continuous data.	61, 70				61, 62, 64, 68 SB: 60-1

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MA.8.A.1.2	Interpret the slope and the x- and y- intercepts when graphing a linear equation for a real-world problem.					77
MA.8.A.1.3	Use tables, graphs, and models to represent, analyze, and solve real-world problems related to systems of linear equations.	70 SB: 60-1				63, 64 SB: 60-1
MA.8.A.1.4	Identify the solution to a system of linear equations using graphs.					68
MA.8.A.1.5	Translate among verbal, tabular, graphical and algebraic representations of linear functions.	61, 70 SB: 60-1				61-64, 68 SB: 60-1
MA.8.A.1.6	Compare the graphs of linear and non-linear functions for real-world situations.					69 SB: 60-5
	GEOMETRY					
	IDEA 2: Analyze two- and three-dimensional figures by using distance and angle.					

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MA.8.S.3.1 Select, organize and construct appropriate data displays, including box and whisker plots, scatter plots, and lines of best fit to convey information and make conjectures about possible relationships.	63-68, 71-76 SB: 67-3, 68-2, 68-4, 70-1				
MA.8.S.3.2 Determine and describe how changes in data values impact measures of central tendency.	60 (T.G.)				
SUPPORTING IDEAS					
ALGEBRA					
MA.8.A.4.1 Solve literal equations for a specified variable.					41, 43 SB: 50-2, 59-2
MA.8.A.4.2 Solve and graph one- and two-step inequalities in one variable.					53-55 SB: 50-5
GEOMETRY AND MEASUREMENT					

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MA.8.G.5.1	Compare, contrast, and convert units of measure between different measurement systems (US customary or metric (SI)) and dimensions, including temperature, area, volume, and derived units to solve problems.				46, 56, 57 SB: 34-3, 36-1 to 36-3	
	NUMBER AND OPERATIONS					
MA.8.A.6.1	Use exponents and scientific notation to write large and small numbers and vice versa and to solve problems.	22, 28-30 SB: 6-2, 57-1, 57-2				
MA.8.A.6.2	Make reasonable approximations of square roots and mathematical expressions that include square roots, and use them to estimate solutions to problems and to compare mathematical expressions involving real numbers and radical expressions.	24 SB: 54-2				

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MA.8.A.6.3	Simplify real number expressions using the laws of exponents.	SB: 69-1				
MA.8.A.6.4	Perform operations on real numbers (including integer exponents, radicals, percents, scientific notation, absolute value, rational numbers, and irrational numbers) using multi-step and real world problems	29, 30, 49 SB: 43-13	36, 73	34, 44		