

<b>Florida Standards - Eighth Grade Math</b>	<b>MiddleWare Math Word Problems Travel</b>	<b>MiddleWare Math Word Problems Careers</b>	<b>MiddleWare Math Word Problems Sports</b>	<b>MiddleWare Math Word Problems Money</b>	<b>Math Mentor Series Addition &amp; Subtraction</b>	<b>Multiplication &amp; Division</b>	<b>Math Mentor Series Fractions &amp; Decimals</b>	<b>Math Test Generator</b>
<b>NUMBER SENSE, CONCEPTS, AND OPERATIONS</b>								
The student understands the different ways numbers are represented & used in the real world	✓	✓	✓	✓	✓	✓	✓	
The student understands number systems								
The student understands the effects of operations on numbers & the relationships among these operations, selects appropriate operations, & computes for problem solving	✓	✓	✓	✓	✓	✓	✓	
The student uses estimation in problem solving and computation								
The student understands and applies theories related to numbers	✓	✓	✓	✓				
<b>MEASUREMENT</b>								
The student measures quantities in the real world & uses the measures to solve problems								
The student compares, contrast, & converts within systems of measurement (both standard/nonstandard & metric/customary)								
The student estimates measurements in real-world problem situations								
The student selects & uses appropriate units & instruments for measurement to achieve the degree of precision & accuracy required in real-world situations								

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<b>GEOMETRY AND SPATIAL SENSE</b>								
The student describes, draws, identifies, & analyzes two-and three-dimensional shapes								
The student visualizes & illustrates ways in which shapes can be combined, subdivided and changed								
The student uses coordinate geometry to locate objects in both two & three dimensions & to describe objects algebraically								
<b>ALGEBRAIC THINKING</b>								
The student describes, analyzes, & generalizes a wide variety of patterns, relations, & functions	✓	✓	✓	✓				
The student uses expressions, equations, inequalities, graphs, and formulas to represent & interpret situation	✓	✓	✓	✓				
<b>DATA ANALYSIS AND PROBABILITY</b>								
The student understands & uses the tools of data analysis for managing information								
The student identifies patterns & makes predictions from an orderly display of data using concepts of probability & statistics								
The student uses statistical methods to make inferences & valid arguments about real-world situations								