

Optimum Resource Inc. Educational Software Print Resources

<p>Indiana Standards Grade 8th Mathematics</p>	<p>Math Word Problems</p>
<p>Students develop and practice effective communication using the language of mathematics.</p>	<p>✓</p>
<p>Students develop reasoning skills and apply them to problem-solving situations.</p>	<p>✓</p>
<p>Students recognize and make connections.</p>	<p></p>
<p>Students develop strategies for solving problems through translating data into mathematical language.</p>	<p>✓</p>
<p>Students reinforce an understanding of the place-value system for whole numbers and decimals.</p>	<p></p>
<p>Students reinforce an understanding of fractions, and develop an understanding of percent, integers, and irrationals.</p>	<p>✓</p>
<p>Students are proficient with computation and estimation within the set of real numbers.</p>	<p>✓</p>
<p>Students develop an understanding of geometric terms and concepts and apply those concepts in problem-solving activities.</p>	<p></p>
<p>Students develop measurement skills.</p>	<p></p>
<p>Students collect, organize, analyze, and interpret data, use measures of central tendencies and the laws of probability to make predictions when appropriate.</p>	<p></p>
<p>Students develop an understanding of ratios, proportions, and percents with applications to problem solving.</p>	<p></p>
<p>Students develop explorations of algebraic concepts processes.</p>	<p>✓</p>
<p>Students develop appropriate skills in the use of calculators and computers in problem solving situations.</p>	<p>✓</p>