

Optimum Resource Inc.'s MiddleWare Software

California Standards - Sixth Grade Mathematics	Math Word Problems
NUMBER SENSE	
1.0 Students compare & order positive & negative fractions, decimals, & mixed numbers.	✓
Students solve problems involving fractions, ratios, proportions, & percentages	
2.0 Students calculate & solve problems involving addition, subtraction, multiplication, & division	✓
ALGEBRA & FUNCTIONS	
1.0 Students write verbal expressions & sentences as algebraic expressions & equations; they	✓
evaluate algebraic expression, solve simple linear equations, & graph & interpret their results	
2.0 Students know how to manipulate equations	
3.0 Students investigate geometric patterns & describe them algebraically	
MEASUREMENT & GEOMETRY	
1.0 Students deepen their understanding of measurement of plane & solid shapes & use	
this understanding to solve problems	
2.0 Students use two-dimensional coordinate grids to represent points & graph lines & simple figures	

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STATISTICS, DATA ANALYSIS, & PROBABILITY	
1.0 Students compute & analyze statistical measurements for data sets	
2.0 Students use data samples of a population & describe the characteristics & limitations of the samples	
3.0 Students determine theoretical & experimental probabilities & use these to make predictions about events	
MATHEMATICAL REASONING	
1.0 Students make decisions about how to approach problems	
2.0 Students use strategies, skills, & concepts in finding solutions	✓
3.0 Students move beyond a particular problem by generalizing to other situations	✓