

Alignment with NCTM Standards

	Lesson 1	Lesson 2	Lesson 3
Numbers and Operations			
Work flexibly with fractions, decimals, and percents to solve problems.	✓	✓	✓
Compare and order fractions, decimals, and percents efficiently.	✓	✓	✓
Develop meaning for percents greater than 100.			✓
Understand and use ratios to represent quantitative relationships.	✓	✓	✓
Understand the meaning and effects of arithmetic operations with fractions, decimals, and integers.	✓	✓	✓
Use the associative and commutative properties of addition and multiplication and the distributive property of multiplication over addition to simplify computations with integers, fractions, and decimals.	✓	✓	✓
Select appropriate methods and tools for computing with fractions and decimals from among mental computation, estimation, calculators or computers, and paper and pencil, depending on the situation, and apply selected methods.	✓	✓	✓
Develop and use strategies to estimate the results of rational-number computations and judge the reasonableness of the results.	✓	✓	✓
Develop, analyze, and explain methods for solving problems involving proportions, such as scaling and finding equivalent ratios.	✓	✓	✓
Measurement			
Use common benchmarks to select appropriate methods for measurements.		✓	
Solve problems involving scale factors, using ratio and proportion.		✓	