

Camelot Learning Mathematics Program
Fractions and Decimals
Correlation to the Connecticut Public Schools' Content Standards

<p>Lessons 5, 6 How do you add fractions with like denominators?</p>	<p>2:2.1c(2)</p>	<p>2.1 Numerical and Proportional Reasoning: Understand that a variety of numerical representations can be used to describe quantitative relationships.</p>	<p>c. Recognize that the denominator of a fraction tells how many equal parts an object or a set has been divided into, and that the numerator indicates how many of the parts are being considered.</p>	<p>(2) Explore and describe addition with like denominators and write matching fraction sentences using models.</p>
<p>Lessons 7, 8 How do you subtract fractions with like denominators?</p>	<p>3:2.2d(3)</p>	<p>2.2 Numerical and Proportional Reasoning: Use numbers and their properties to compute flexibly and fluently, and to reasonably estimate measures and quantities.</p>	<p>d. Compare fractions, identify equivalent fractions and add and subtract fractions with like and unlike denominators using models and pictures.</p>	<p>(3) Construct and use models to add and subtract fractions with like and unlike denominators and write fraction sentences to match the models.</p>
<p>Lessons 9, 10 How can you change a fractional number to its simplest form?</p>	<p>3:2.2d(1)</p>	<p>2.2 Numerical and Proportional Reasoning: Use numbers and their properties to compute flexibly and fluently, and to reasonably estimate measures and quantities.</p>	<p>d. Compare fractions, identify equivalent fractions and add and subtract fractions with like and unlike denominators using models and pictures.</p>	<p>(1) Construct and use models to identify equivalent fractions and to compare and order fractions with like and unlike denominators of 2, 3, 4, 5, 6 and 8.</p>
<p>Lessons 11, 12 How can you use factors to change a fractional number to its simplest form?</p>	<p>3:2.2c(1) 3:2.2d(1)</p>	<p>2.2 Numerical and Proportional Reasoning: Use numbers and their properties to compute flexibly and fluently, and to reasonably estimate measures and quantities. 2.2 Numerical and Proportional Reasoning: Use numbers and their properties to compute flexibly and fluently, and to reasonably estimate measures and quantities.</p>	<p>c. Solve multiplication and division problems using rectangular arrays, number patterns, skip counting and repeated addends. d. Compare fractions, identify equivalent fractions and add and subtract fractions with like and unlike denominators using models and pictures.</p>	<p>(1) State the multiplication and division facts with factors of 1, 2, 3, 4, 5 and 10. (1) Construct and use models to identify equivalent fractions and to compare and order fractions with like and unlike denominators of 2, 3, 4, 5, 6 and 8.</p>

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		measures and quantities.	sentences.	numbers.
Lessons 33, 34 How can you use your knowledge of decimals to help you solve problems?	5:2.2a(3)	2.2 Numerical and Proportional Reasoning: Use numbers and their properties to compute flexibly and fluently, and to reasonably estimate measures and quantities.	a. Estimate and compute using models and pictures.	(3) Develop strategies, using place value relationships, inverse operations and commutative, associative and distributive properties, to simplify computations with two-, three-, and four-digit numbers and money amounts.
	4:2.2c(3)	2.2 Numerical and Proportional Reasoning: Use numbers and their properties to compute flexibly and fluently, and to reasonably estimate measures and quantities.	c. Add and subtract fractions and mixed numbers with like and unlike denominators using models, pictures and number sentences.	(3) Write and solve word problems involving decimals, fractions and mixed numbers, identify reasonable answers, and match equations to the problems.
Lessons 35, 36 How can you use your knowledge of decimals to help you make change?	4:2.2a(3&4)	2.2 Numerical and Proportional Reasoning: Use numbers and their properties to compute flexibly and fluently, and to reasonably estimate measures and quantities.	a. Use place value concepts and commutative and associative properties to estimate and compute.	(3) Use place value concepts, number patterns, the number line and the commutative and associative properties to develop estimation and computation strategies. (4) Apply and explain a variety of estimation strategies in problem-solving situations to add and subtract money amounts less than \$10.00 and two- and three-digit numbers with and without regrouping.
Lessons 37, 38 How can you use rounding to help you estimate and solve	4:2.2a(3&4)	2.2 Numerical and Proportional Reasoning: Use numbers and their properties to compute flexibly and fluently, and to reasonably estimate	a. Use place value concepts and commutative and associative properties to estimate and compute.	(3) Use place value concepts, number patterns, the number line and the commutative and associative properties to develop

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money problems?	<p>5:2.2a(3)</p>	<p>measures and quantities.</p> <p>2.2 Numerical and Proportional Reasoning: Use numbers and their properties to compute flexibly and fluently, and to reasonably estimate measures and quantities.</p>	<p>a. Estimate and compute using models and pictures.</p>	<p>estimation and computation strategies.</p> <p>(3) Develop strategies, using place value relationships, inverse operations and commutative, associative and distributive properties, to simplify computations with two-, three-, and four-digit numbers and money amounts.</p> <p>(3) Write and solve word problems involving decimals, fractions and mixed numbers, identify reasonable answers, and match equations to the problems.</p>
<p>Lessons 39, 40 How can you use what you know about fractions to help you tell time?</p>	<p>4:2.2c(3)</p>	<p>2.2 Numerical and Proportional Reasoning: Use numbers and their properties to compute flexibly and fluently, and to reasonably estimate measures and quantities.</p>	<p>c. Add and subtract fractions and mixed numbers with like and unlike denominators using models, pictures and number sentences.</p>	<p>(3) Write and solve word problems involving decimals, fractions and mixed numbers, identify reasonable answers, and match equations to the problems.</p>
	<p>3:3.3a(1)</p>	<p>3.3 Geometry and Measurement: Develop and apply units, systems, formulas and appropriate tools to estimate and measure.</p>	<p>a. Plan events and make schedules.</p>	<p>(1) Tell time to the minute, using analog and digital clocks, and identify AM and PM.</p>
	<p>4:3.3b(2)</p>	<p>3.3 Geometry and Measurement: Develop and apply units, systems, formulas and appropriate tools to estimate and measure.</p>	<p>b. Make precise measurements and use benchmarks to estimate measures.</p>	<p>(2) Explore converting from one unit to another when measuring time and solve problems that involve elapsed time using clocks and calendars.</p>
	<p>2:2.1b(1)</p>	<p>2.1 Numerical and Proportional Reasoning: Understand that a variety of numerical representations can be used to describe quantitative relationships.</p>	<p>b. Represent fractions by sharing portions of equal size as parts of a whole or parts of a set.</p>	<p>(1) Model and describe equal parts of a whole as unit fractions ψ through σ.</p>