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| Chapter 2 | Fractions and Decimals |
| Date: | Lesson 2.1 Multiplying Fractions |
| Essential Question | What does it mean to multiply fractions? |
| Steps | 1. Multiply the numerators.
2. Multiply the denominators.
3. Simplify if you can by dividing the numerator and

 denominator by the same number. |
| PracticeMultiply. Write the answer in simplest form. | 1)  $\frac{1}{2} × \frac{5}{6}$  | 2)  $\frac{3}{7} × \frac{2}{3}$  | 3)  $\frac{4}{9} × \frac{3}{10}$ |
| Cross Canceling | Sometimes we can simplify BEFORE we multiply. Divide the numerator of one fraction and the denominator of the other fraction by the same number. |
| PracticeMultiply. Write the answer in simplest form. | 4)  $\frac{3}{7} × \frac{5}{6}$  | 5)  $\frac{4}{9} × \frac{3}{6}$  | 6)  $\frac{3}{4} × \frac{8}{15}$ |
| Key Idea | When multiplying mixed numbers, turn the mixed number into an improper fraction. Then multiply as you would with fractions. 2 $\frac{3}{4}$ =  |
| PracticeMultiply. Write the answer in simplest form. | 7)  $4\frac{9}{10} ×1\frac{1}{7}$ | 8)  $9\frac{1}{3} ×2\frac{4}{7}$ |

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| Chapter 2 | Fractions and Decimals |
| Date: | Lesson 2.2 Dividing Fractions |
| Essential Question | How can you divide by a fraction? |
| Vocabulary | Reciprocals are 2 numbers whose product is 1.To write a reciprocal, write the number as a fraction. Then, invert, or flip, the fraction.Example:  |
| Practice.Write the reciprocals for each number. | 1) 2 | 2) 9/5  | 3) 1/8  | 4) 3/5 |
| Dividing Fractions Steps | 1) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Example: $3 ÷ \frac{3}{4}$2) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_3) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Practice.Divide. Write your answer in simplest form. | 5) $\frac{2}{7} ÷ \frac{1}{3}$  | 6) $\frac{1}{2} ÷ \frac{1}{8}$ | 7) $\frac{1}{4} ÷ \frac{3}{10}$ |
| Practice.Divide. Write your answer in simplest form. | 8) $\frac{2}{3} ÷10$ | 9) $\frac{6}{7} ÷4$ |
| 10) $5 ÷ \frac{3}{4}$ | 11) $8 ÷ \frac{6}{10}$ |
| Solve. | 12) Mrs. Smith bought a 20 cup bag of trail mix. She put 5/6 of a cup into each ziplock bag for her kids’ school lunches. How many ziplock bags of trail mix will she be able to make? |

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| Chapter 2 | Fractions and Decimals |
| Date: | Lesson 2.3 Dividing Mixed Numbers |
| Essential Question | How can you divide mixed numbers? |
| Steps to divide mixed numbers | 1) Write each mixed number as an improper fraction.2) Divide as you would with proper fractions. Remember to Keep, Change, Flip and then cross cancel.Example: $6\frac{4}{5} ÷2\frac{1}{8}$ |
| PracticeEvaluate the expression. Write your answer in simplest form. | 1) $2\frac{1}{6} ÷ \frac{3}{4}$  | 2) $8\frac{1}{4} ÷1\frac{1}{2}$  | 3) $6\frac{2}{9} ÷5\frac{5}{6}$ |
| Practice | 4) A baker has 48 cups of flour. Each loaf of bread uses $5\frac{1}{3}$ cups of flour. How many loaves of bread can the baker make? |
| PracticeEvaluate the expression. Write your answer in simplest form. | 5) $\frac{2}{3} -1\frac{4}{7} ÷4\frac{5}{7}$  | 6) $3\frac{1}{3} ÷ \frac{5}{6} + \frac{8}{9}$ |
| Create a word problem involving division of fractions. |  |

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| Chapter 2 | Fractions and Decimals |
| Date: | Lesson 2.4 Adding and Subtracting Decimals |
| Essential Question | How can you add and subtract decimals? |
| Steps | 1) Write the numbers vertically and line up the decimal points.2) Add zeros if you need to so that both numbers have the same number of digits.3) Bring down the decimal point and add or subtract the numbers. |
| Practice | 1) 46.807 + 7.76

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 | 2) 0.657 + 32.9

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| 3) 27.9 – 0.905

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 | 4) 18.626 – 13.88

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| Practice | 5) The Lincoln Memorial Reflecting Pool is approximately rectangular. Its width is 50.9 meters, and its length is 618.44 meters. You walk the perimeter of the pool. About how many meters do you walk? |
| Practice | 6) 5.78 + 12.9 – 10.382 | 7) 62.4 – (45.7 + 16.31) |

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| Chapter 2 | Fractions and Decimals |
| Date: | Lesson 2.5 Multiplying Decimals |
| Essential Question | How can you multiply decimals? |
| Steps | 1) Multiply as you would with whole numbers. (Line up the  numbers, not the decimals.) Put the number with the most digits  on top.2) Count the total number of decimal places in the two factors  (numbers being multiplied).3) Start from the right and count over the number of decimal  places. This is where your decimal goes in your answer. |
| Practice | 1) 5 x 14.51 | 2) 0.003 x 10 |
| Practice | 3) 6 x 3.91 | 4) 3.5 x 0.016 |
| Practice | 5) $123.6 +8.2$ $∙1.9$  |
| Practice | 6) Grapes cost $1.99 per pound. You buy 1.25 pounds of grapes. You hand the cashier a $5 bill. How much change will you receive? |

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| Chapter 2 | Fractions and Decimals |
| Date:  | Lesson 2.6 Dividing Decimals |
| Essential Question | How can you use base ten blocks to model decimal division? |
| Steps | 1) Place the decimal point in the quotient (answer) above the  decimal point in the dividend.2) Then divide as you would with whole numbers.Example: |
| Practice | 1) $59.64 ÷7$ | 2) $3.12 ÷16$ |
| Dividing a Decimal by a Decimal | \* The divisor must be a whole number.\* You must move the decimal in both the divisor and the dividend.Example: |
| Practice | 3) $57.8 ÷3.4$ | 4) $21.643 ÷0.23$ |
| Note | Sometimes you will have to insert a zero in the dividend and/or the quotient. |
| Practice | 5) $15.6 ÷0.78$ | 6) $7.2 ÷0.048$ |