Name _____ Date_____

Lesson 1: Interpreting Division of a Fraction by a Whole Number—Visual Models

Exit Ticket

Find the quotient using a model.

1. $\frac{2}{3} \div 3$

2. $\frac{5}{6} \div 2$

Name _____ Date_____

Lesson 2: Interpreting Division of a Whole Number by a Fraction—Visual Models

Exit Ticket

Solve each division problem using a model.

1. Henry bought 4 pies which he plans to share with a group of his friends. If there is exactly enough to give each member of the group one-sixth of the pie, how many people are in the group?

2. Rachel completed $\frac{3}{4}$ of her cleaning in 6 hours. How many total hours will Rachel spend cleaning?

Name _____ Date_____

Lesson 3: Interpreting and Computing Division of a Fraction by a Fraction—More Models

Exit Ticket

Draw a model to support your answer to the division questions.

1. $\frac{9}{4} \div \frac{3}{4}$

2. $\frac{7}{3} \div \frac{2}{3}$

Name _____ Date_____

Lesson 4: Interpreting and Computing Division of a Fraction by a Fraction—More Models

Exit Ticket

Draw a model to support your answer to the division questions.

1. $\frac{9}{4} \div \frac{3}{8}$

2. $\frac{3}{5} \div \frac{2}{3}$

Name _____ Date_____

Lesson 5: Creating Division Stories

Exit Ticket

Write a story problem for the following measurement division: $\frac{3}{4} \div \frac{1}{8} = 6$.

1

$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$

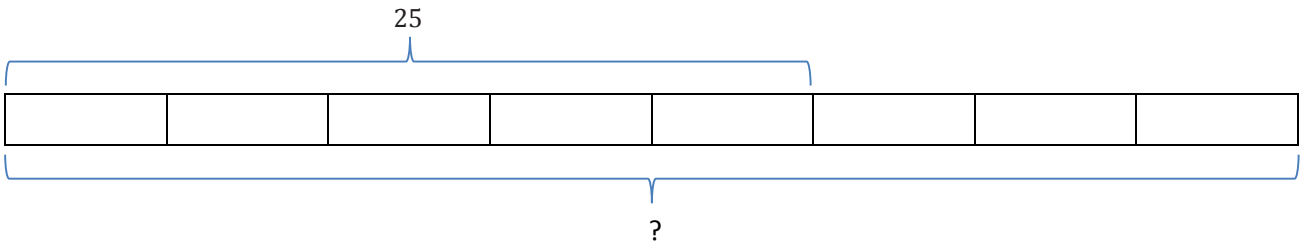
$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$

Name _____ Date_____

Lesson 6: More Division Stories

Exit Ticket

Write a word problem for the following partitive division: $25 \div \frac{5}{8} = 40$.



Name _____ Date_____

Lesson 7: The Relationship Between Visual Fraction Models and Equations

Exit Ticket

1. Write the reciprocal of the following numbers.

Number	$\frac{7}{10}$	$\frac{1}{2}$	5
Reciprocal			

2. Rewrite this division problem as a multiplication problem: $\frac{5}{8} \div \frac{2}{3}$.

3. Solve Problem 2 using models.

Name _____ Date_____

Lesson 8: Dividing Fractions and Mixed Numbers

Exit Ticket

Calculate the quotient.

1. $\frac{3}{4} \div 5\frac{1}{5}$

2. $\frac{3}{7} \div 2\frac{1}{2}$

3. $\frac{5}{8} \div 6\frac{5}{6}$

4. $\frac{5}{8} \div 8\frac{3}{10}$

Name _____ Date_____

Lesson 9: Sums and Differences of Decimals

Exit Ticket

Solve each problem. Show that the placement of the decimal is correct through either estimation or fraction calculation.

1. $382\frac{3}{10} - 191\frac{87}{100}$

2. $594\frac{7}{25} + 89\frac{37}{100}$

Name _____ Date_____

Lesson 10: The Distributive Property and the Products of Decimals

Exit Ticket

Complete the problem using partial products.

500×12.7

Name _____ Date_____

Lesson 11: Fraction Multiplication and the Product of Decimals

Exit Ticket

Use estimation or fraction multiplication to determine if your answer is reasonable.

1. Calculate the product: 78.93×32.45.

2. Paint costs $\$29.95$ per gallon. Nikki needs 12.25 gallons to complete a painting project. How much will Nikki spend on paint? Remember to round to the nearest penny.

Name _____ Date_____

Lesson 12: Estimating Digits in a Quotient

Exit Ticket

1. Estimate the quotient: $1{,}908 \div 36$.

2. Use the division algorithm and your estimate to find the quotient: $1{,}908 \div 36$.

3. Use estimation to determine if $8{,}580 \div 78$ has a quotient in the 10s, 100s, or 1000s.

Name _____ Date_____

Lesson 13: Dividing Multi-Digit Numbers Using the Algorithm

Exit Ticket

Divide using the division algorithm: $392{,}196 \div 87$.

Name _____ Date_____

Lesson 14: The Division Algorithm—Converting Decimal Division into Whole Number Division Using Fractions

Exit Ticket

1. Lisa purchased almonds for $\$3.50$ per pound. She spent a total of $\$14.70$. How many pounds of almonds did she purchase?

2. Divide: $125.01 \div 5.4$. Then, check your answer for reasonableness.

Name _____ Date_____

Lesson 15: The Division Algorithm—Converting Decimal Division into Whole Number Division Using Mental Math

Exit Ticket

State the power of 10 you would use to convert the given decimal division to whole number division. Then, complete the multiplication on the dividend and divisor.

1. $133.84 \div 5.6$

2. $12.4 \div 1.036$

3. $38.9 \div 2.91$

4. $45 \div 1.5$

Name _____ Date_____

Lesson 16: Even and Odd Numbers

Exit Ticket

Determine whether each sum or product will be even or odd. Explain your reasoning.

1. $56{,}426 + 17{,}895$

2. $317{,}362 \times 129{,}324$

3. $10{,}481 + 4{,}569$

4. $32{,}457 \times 12{,}781$

5. Show or explain why $12 + 13 + 14 + 15 + 16$ will result in an even sum.

Name _____ Date_____

Lesson 17: Divisibility Tests for 3 and 9

Exit Ticket

1. Is $26{,}341$ divisible by 3? If it is, write the number as the product of 3 and another factor. If not, explain.

2. Is $8{,}397$ divisible by 9? If it is, write the number as the product of 9 and another factor. If not, explain.

3. Explain why $186{,}426$ is divisible by both 3 and 9.

Name _____ Date_____

Lesson 18: Least Common Multiple and Greatest Common Factor

Exit Ticket

1. Find the LCM and GCF of 12 and 15.

2. Write two numbers, neither of which is 8, whose GCF is 8.

3. Write two numbers, neither of which is 28, whose LCM is 28.

Rate each of the stations you visited today. Use this scale:

3—Easy—I've got it; I don't need any help.

2 —Medium—I need more practice, but I understand some of it.

1—Hard—I'm not getting this yet.

Complete the following chart:

Station	Rating (3, 2, 1)	Comment to the Teacher
Station 1: Factors and GCF		
Station 2: Multiples and LCM		
Station 3: Using Prime Factors for GCF		
Station 4: Applying Factors to the Distributive Property		

Name _____ Date_____

Lesson 19: The Euclidean Algorithm as an Application of the Long Division Algorithm

Exit Ticket

Use Euclid's Algorithm to find the greatest common factor of 45 and 75.