

Grade 6

Unit 1

Week 2

Parents: Please help your child choose the most appropriate assignment(s) to complete each day. When the day's assignment is done, students finish the two reflection statements on this page.

Please note Extra Practice activities are on-level for the grade level. Re-Engage activities give students additional support.

	Monday	Tuesday	Wednesday	Thursday	Friday
Topic	Divide decimals by a decimal.	Find the greatest common factor (GCF) of two numbers.	Find the least common multiple (LCM) of two numbers.	Rewrite fractions as decimals.	Divide fractions by fractions.
Assignment	Unit 1 Lesson 13 Re-Engage B Extra Practice	Unit 1 Lesson 15 Re-Engage Extra Practice	Unit 1 Lesson 17 Re-Engage Extra Practice	Unit 1 Lesson 19 Re-Engage Extra Practice	Unit 1 Lesson 20 Re-Engage Extra Practice
Video link	Unit 1 Lesson 13 English Spanish	Unit 1 Lesson 15 English Spanish	Unit 1 Lesson 17 English Spanish	Unit 1 Lesson 19 English Spanish	Unit 1 Lesson 20 English Spanish
Reflection	One thing I was successful with is...	One thing I was successful with is...	One thing I was successful with is...	One thing I was successful with is...	One thing I was successful with is...
	One thing I need more help with is...	One thing I need more help with is...	One thing I need more help with is...	One thing I need more help with is...	One thing I need more help with is...

Find this packet on swunmath.com. Click on the hyperlinks to jump to the lesson videos.

Extra Practice

Unit 1 Lesson 13: Divide Decimals by Decimals



Name: _____

Date: _____

Directions: Find the quotient. Then check your work.

1. $53.4 \div 0.6 =$

2. $17.109 \div 0.3 =$

3. $10.24 \div 0.04 =$

4. $26.19 \div 0.09 =$

Extra Practice

Unit 1 Lesson 13: Divide Decimals by Decimals



Directions: Find the quotient. Then check your work.

5. $25.92 \div 0.48 =$

6. $11.04 \div 0.23 =$

7. $14.012 \div 0.31 =$

8. $8.576 \div 0.67 =$

Re-Engage

Unit 1 Lessons 11-13b: Divide Decimals by Decimals



Student Practice

Directions: Solve.

1. $13.25 \div 0.5 =$

2. $24.48 \div 3.6 =$

3. $3.54 \div 0.6 =$

4. $12.15 \div 0.3 =$

5. $44.64 \div 2.4 =$

6. $43.68 \div 5.6 =$

Re-Engage

Unit 1 Lessons 15-16: Greatest Common Factor



Name: _____

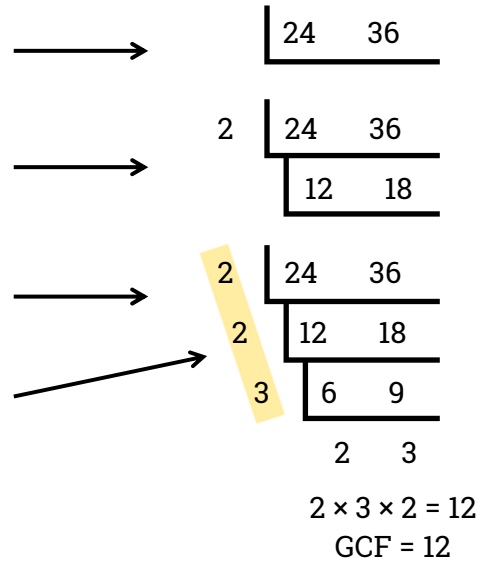
Date: _____

Model

Find the greatest common factor for the numbers given.

24 and 36

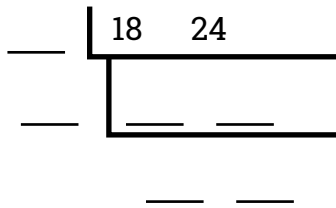
1. Draw the "L" shape and write the two numbers on the line.
2. Divide out common prime numbers starting with the smallest.
3. Keep dividing until there are no more common prime numbers between them.
4. Multiply all the factors on the left side of the ladder.



Structured Guided Practice

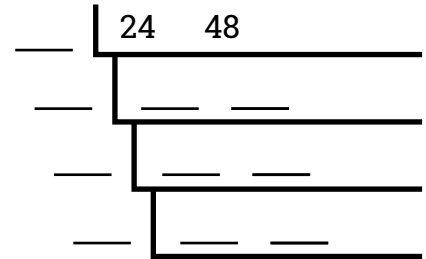
Directions: Find the GCF for the given numbers.

1. 18 and 24



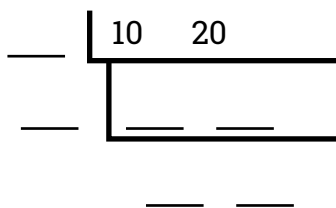
GCF = _____

2. 24 and 48



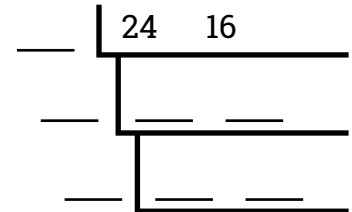
GCF = _____

3. 10 and 20



GCF = _____

4. 24 and 16



GCF = _____

Re-Engage

Unit 1 Lessons 15-16: Greatest Common Factor



Student Practice

Directions: Find the GCF for the given numbers.

1. 8 and 12

—		8	12
—		—	—
		—	—

GCF = _____

2. 9 and 27

—		9	27
—		—	—
		—	—

GCF = _____

3. 24 and 36

—		24	36
—		—	—
—		—	—
—		—	—
		—	—

GCF = _____

4. 16 and 48

—		16	48
—		—	—
—		—	—
—		—	—
—		—	—
		—	—

GCF = _____

5. 24 and 28

—		24	28
—		—	—
		—	—

GCF = _____

6. 30 and 45

—		30	45
—		—	—
		—	—

GCF = _____

Extra Practice

Unit 1 Lessons 15-16: Greatest Common Factor



Name: _____

Date: _____

Directions: Find the GCF of the given numbers by using the ladder or a factor tree.

1. Find the GCF of 14 and 42.

2. Find the GCF of 12 and 16.

3. Find the GCF of 40 and 30.

4. Find the GCF of 20 and 28.

Extra Practice

Unit 1 Lessons 15-16: Greatest Common Factor



Directions: Find the GCF of the given numbers by using the ladder or a factor tree.

5. Find the GCF of 12 and 28.

6. Find the GCF of 36 and 54.

7. Find the GCF of 21 and 42.

8. Find the GCF of 64 and 32.

Re-Engage

Unit 1 Lessons 17-18: Least Common Multiple



Name: _____

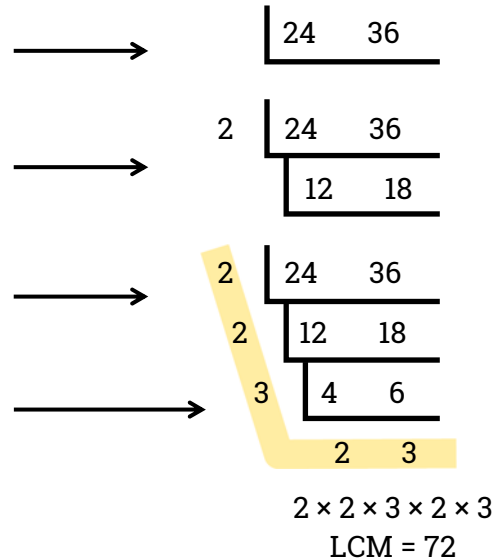
Date: _____

Model

Find the least common multiple for the numbers given.

24 and 36

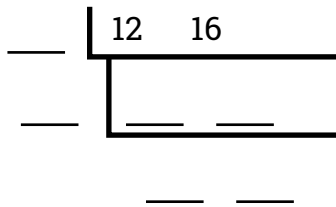
1. Draw the "L" shape and write the two numbers on the line.
2. Divide out common prime numbers starting with the smallest.
3. Keep dividing until there are no more common prime numbers between them.
4. The LCM makes an "L", multiply all of the factors on the side and bottom of the ladder.



Structured Guided Practice

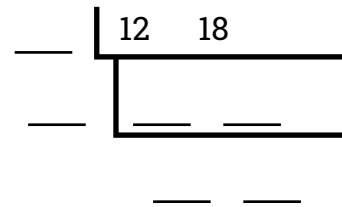
Directions: Find the LCM for the given numbers.

1. 12 and 16



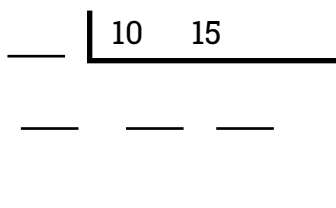
LCM = _____

2. 12 and 18



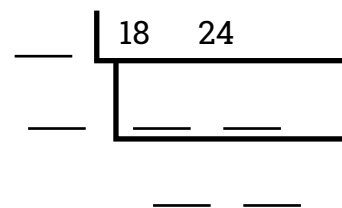
LCM = _____

3. 10 and 15



LCM = _____

4. 18 and 24



LCM = _____

Re-Engage

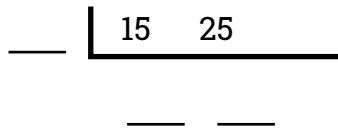
Unit 1 Lessons 17-18: Least Common Multiple



Student Practice

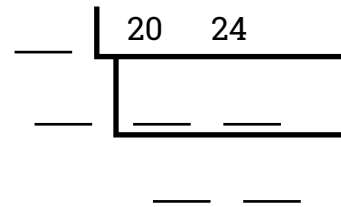
Directions: Find the LCM for the given numbers.

1. 15 and 25



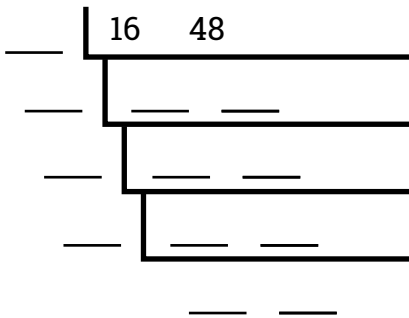
LCM = _____

2. 20 and 24



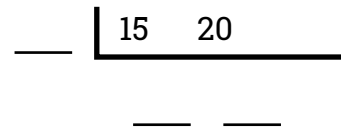
LCM = _____

3. 16 and 48



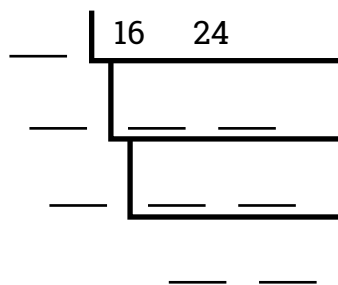
LCM = _____

4. 15 and 20



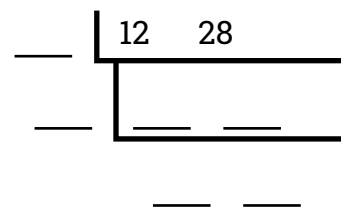
LCM = _____

5. 16 and 24



LCM = _____

6. 12 and 28



LCM = _____

Extra Practice

Unit 1 Lessons 17-18: Least Common Multiple



Name: _____

Date: _____

Directions: Find the LCM of the given numbers using the ladder.

1. Find the LCM of 6 and 21.

2. Find the LCM of 4 and 14.

3. Find the LCM of 7 and 21.

4. Find the LCM of 13 and 26.

Extra Practice

Unit 1 Lessons 17-18: Least Common Multiple



Directions: Find the LCM of the given numbers using the ladder.

5. Find the LCM of 6 and 14.

6. Find the LCM of 10 and 12.

7. George goes to the gym every 4 days and runs on the beach every 6 days. If he does both today, how many days will pass before he goes to the gym and runs on the beach the same day?

8. Joni is running the hot dog stand at a carnival. Hot dogs come in packages of 12, and hot dog buns come in packages of 10. What is the least amount of hot dogs Joni has to sell so she does not have any leftovers from any package?

Re-Engage

Unit 1 Lesson 19: Write Fractions as Decimals



Name: _____

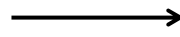
Date: _____

Model

Write each fraction or mixed number as a decimal.

$$1 \frac{5}{8}$$

1. Change the mixed number into an improper fraction.



$$1 \frac{5}{8} = \frac{13}{8}$$

2. Change the improper fraction into a decimal by dividing.



$$\begin{array}{r} \times 1 \\ 8 \overline{) 13} \\ \underline{- 8} \\ 5 \end{array}$$

3. Add a decimal point and a zero to continue to divide.



$$\begin{array}{r} \times 1.625 \\ 8 \overline{) 13.000} \\ \underline{- 8} \\ 50 \\ \underline{- 48} \\ 20 \\ \underline{- 16} \\ 40 \\ \underline{- 40} \\ 0 \end{array}$$

4. Keep dividing until you reach the thousandths place.



Structured Guided Practice

Directions: Write each fraction or mixed number as a decimal. Stop at the thousandths place.

1. $\frac{3}{8}$

2. $2 \frac{3}{4}$

Re-Engage

Unit 1 Lesson 19: Write Fractions as Decimals



Student Practice

Directions: Write each fraction or mixed number as a decimal. Stop at the thousandths place.

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

2. $3 \frac{1}{4}$

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

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

5. $2 \frac{7}{8}$

6. $\frac{3}{4}$

Extra Practice

Unit 1 Lesson 19: Fractions as Decimals



Name: _____

Date: _____

Directions: Write each fraction or mixed number as a decimal. Stop at the thousandths place when dividing.

1. $2\frac{2}{5}$

2. $\frac{3}{4}$

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

4. $\frac{4}{9}$

Extra Practice

Unit 1 Lesson 19: Fractions as Decimals



Directions: Write each fraction or mixed number as a decimal. Stop at the thousandths place when dividing.

5. $\frac{4}{16}$

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

7. $2\frac{4}{12}$

8. $5\frac{3}{15}$

Re-Engage

Unit 1 Lessons 20-21: Divide Fractions by Fractions



Name: _____

Date: _____

Model

Example 1

$$\frac{2}{3} \div \frac{1}{6} =$$

$$\frac{2}{3} \times \frac{6}{1} =$$

$$\frac{2}{3} \times \frac{6}{1} = \frac{12}{3}$$

$$\frac{12}{3} = \boxed{4}$$



1. Rewrite as a multiplication problem using the reciprocal of the second fraction.



2. Multiply straight across and simplify.



Example 2

$$\frac{1}{2} \div \frac{5}{6} =$$

$$\frac{1}{2} \times \frac{6}{5} =$$

$$\frac{1}{2} \times \frac{6}{5} = \frac{6}{10}$$

$$\frac{6 \div 2}{10 \div 2} = \boxed{\frac{3}{5}}$$

Structured Guided Practice

Directions: Solve and simplify.

1. $\frac{2}{8} \div \frac{3}{4} =$
 $\downarrow \downarrow \downarrow$
 $\frac{2}{8} \times \text{---} =$

2. $\frac{4}{6} \div \frac{1}{3} =$
 $\downarrow \downarrow \downarrow$
 $\frac{4}{6} \times \text{---} =$

3. $\frac{4}{5} \div \frac{1}{3} =$
 $\downarrow \downarrow \downarrow$
 $\frac{4}{5} \times \text{---} =$

4. $\frac{2}{5} \div \frac{1}{3} =$
 $\downarrow \downarrow \downarrow$
 $\frac{2}{5} \times \text{---} =$

Re-Engage

Unit 1 Lessons 20-21: Divide Fractions by Fractions



Student Practice

Directions: Solve and simplify.

$$1. \frac{7}{8} \div \frac{1}{8} =$$
$$\downarrow \downarrow \downarrow$$
$$\frac{7}{8} \times \text{---} =$$

$$2. \frac{3}{6} \div \frac{1}{4} =$$
$$\downarrow \downarrow \downarrow$$
$$\frac{3}{6} \times \text{---} =$$

$$3. \frac{4}{7} \div \frac{2}{3} =$$
$$\downarrow \downarrow \downarrow$$
$$\frac{4}{7} \times \text{---} =$$

$$4. \frac{3}{5} \div \frac{1}{3} =$$
$$\downarrow \downarrow \downarrow$$
$$\frac{3}{5} \times \text{---} =$$

$$5. \frac{7}{8} \div \frac{3}{4} =$$
$$\downarrow \downarrow \downarrow$$
$$\frac{7}{8} \times \text{---} =$$

$$6. \frac{6}{9} \div \frac{1}{3} =$$
$$\downarrow \downarrow \downarrow$$
$$\frac{6}{9} \times \text{---} =$$

Extra Practice

Unit 1 Lessons 20-21: Divide Fractions by Fractions



Name: _____

Date: _____

Directions: Solve and simplify.

1. $\frac{2}{8} \div \frac{3}{4} =$

2. $\frac{2}{3} \div \frac{5}{6} =$

3. $\frac{5}{9} \div \frac{1}{3} =$

4. $\frac{2}{7} \div \frac{4}{6} =$

Extra Practice

Unit 1 Lessons 20-21: Divide Fractions by Fractions



Directions: Solve and simplify.

5. $\frac{1}{4} \div \frac{5}{9} =$

6. $\frac{1}{6} \div \frac{5}{8} =$

7. $\frac{3}{12} \div \frac{6}{24} =$

8. $\frac{3}{7} \div \frac{9}{35} =$