



GUIDED READING ACTIVITY 3-1

The First Israelites

Directions: Outlining Reading the section and completing the outline below will help you learn more about the early Israelites. Refer to your textbook to fill in the blanks.

- I. A people called Israelites built a kingdom in _____.
 - A. The Israelites believed in _____ God.
 - B. A long drought began in Canaan, so the Israelites had to move to _____ to survive.
- II. The Egyptian pharaoh needed people to build his _____, so he enslaved the Israelites.
 - A. According to the Bible, God sent 10 _____ to Egypt to convince the Pharaoh to set the Israelites free.
 - B. _____, an Israelite who had escaped death and slavery, believed God had told him to lead the Israelites out of Egypt.
 1. After many Egyptians _____ as a result of the plagues, the Pharaoh finally decided to release the Israelites.
 2. As the Israelites were leaving Egypt, the Pharaoh sent his army after them. According to the Bible, God parted the _____ and the Israelites crossed unharmed while the Egyptian soldiers were drowned.
- III. The Israelites left Egypt and traveled back to _____.
 - A. Moses climbed to the top of Mt. Sinai where God gave him laws known as the _____.
 - B. Part of the Torah is the _____, which helped shape the moral laws of many **nations**.
- IV. It took the Israelites about _____ years to reach Canaan, but Moses died before they reached their homeland.
 - A. Their new leader, _____, led them into a victorious battle against the Canaanites, the people they found living in their homeland.
 - B. After Joshua died, the Israelites did not have one leader, but looked to military leaders called _____ instead.

ABC de VOCABULARY ACTIVITY 3-1

The First Israelites: Words to Know

Directions: Select one of the following terms or names to complete each of the sentences below.

Abraham	alphabet	covenant	Deborah
monotheism	Moses	tribes	

- The Israelites believed they were descended from a man named _____.
- The Phoenicians developed a(n) _____ that made writing simpler.
- _____ believed that God told him to lead the Israelites out of Egypt.
- Jacob's family was divided into 12 _____.
- _____ was a judge who told Barak to attack the Canaanite army.
- _____ is the belief in one God.
- The Torah described a(n) _____, or agreement, with God.

Building Academic Vocabulary

occupy, verb, transitive

Directions: Use a dictionary or Internet resources to help you answer the following questions.

- Lebanon, Israel, and Jordan **occupy** the land that was once Canaan.
 - take care of
 - finish
 - keep busy with
 - claim

In the following sentence, the word *occupied* has a **different** meaning. Circle the letter of the meaning closest to the word *occupied* in this sentence.

- The students will be **occupied** with homework until class is over.
 - observed
 - finished
 - tested
 - busy

Lesson 5 Homework Practice

Compare and Order Fractions, Decimals, and Percents

Replace each \odot with $<$, $>$, or $=$ to make a true statement.

1. $\frac{11}{12} \odot \frac{2}{3}$

2. $0.5 \odot \frac{9}{18}$

3. $237.5 \odot 2\frac{8}{24}$

4. $6\frac{2}{3} \odot 6\frac{12}{15}$

5. $5.75 \odot 5\frac{8}{12}$

6. $\frac{2}{3} \odot \frac{10}{18}$

7. $\frac{18}{14} \odot 1\frac{2}{7}$

8. $\frac{11}{12} \odot 2\frac{1}{3}$

9. $\frac{34}{18} \odot 1\frac{5}{6}$

Order the fractions from least to greatest.

10. $\frac{3}{5}, \frac{1}{4}, \frac{1}{2}, \frac{2}{5}$

11. $\frac{7}{9}, \frac{13}{18}, \frac{5}{6}, \frac{2}{3}$

12. $6\frac{3}{4}, 6\frac{1}{2}, 6\frac{5}{6}, 6\frac{3}{8}$

13. $2\frac{2}{3}, 2\frac{6}{15}, 2\frac{3}{5}, 2\frac{4}{9}$

14. **MUSIC** Ramundus is making a xylophone. So far, he has bars that are 1.75 feet, $1\frac{7}{12}$ feet, and $1\frac{2}{3}$ feet long. What is the length of the longest bar?

15. **DANCE** Alana practiced dancing for $\frac{11}{4}$ hours on Monday, $\frac{19}{8}$ hours on Wednesday, and 2.6 hours on Friday. On which day did she practice the closest to 2 hours? Explain your reasoning.

Compare and Order Fractions, Decimals, and Percents

Vocabulary Start-Up



The **least common denominator**, or LCD, is the least common multiple of the denominators of two or more fractions.

Complete the graphic organizer. Write the meaning of each word in the appropriate box. Provide examples.

Least	Common
Denominator	Multiple

least common denominator

Essential Question

WHEN is it better to use a fraction, a decimal, or a percent?

Vocabulary

least common denominator (LCD)

Common Core State Standards

Content Standards
Preparation for 6.RP.3c

MP Mathematical Practices
1, 2, 3, 4, 5, 6



Real-World Link

- Earnest is baking, but he wants to use only one measuring cup. He needs $\frac{1}{2}$ cup of sugar and $\frac{3}{4}$ cup of flour. What is the least common multiple of the denominators?
- What size measuring cup should he use: $\frac{1}{2}$ cup, $\frac{1}{3}$ cup, or $\frac{1}{4}$ cup? Explain. _____

Which **MP** Mathematical Practices did you use?

Shade the circle(s) that applies.

- | | |
|--|---|
| <input type="checkbox"/> 1 Persevere with Problems | <input type="checkbox"/> 5 Use Math Tools |
| <input type="checkbox"/> 2 Reason Abstractly | <input type="checkbox"/> 6 Attend to Precision |
| <input type="checkbox"/> 3 Construct an Argument | <input type="checkbox"/> 7 Make Use of Structure |
| <input type="checkbox"/> 4 Model with Mathematics | <input type="checkbox"/> 8 Use Repeated Reasoning |



Compare and Order Fractions

To compare fractions, you can follow these steps.

1. Find the least common denominator (LCD) of the fractions. That is, find the least common multiple of the denominators.
2. Write an equivalent fraction for each fraction using the LCD.
3. Compare the numerators.

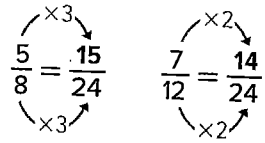
Example

Tutor

Fill in each \bigcirc with $<$, $>$, or $=$ to make a true statement.

1. $\frac{5}{8} \bigcirc \frac{7}{12}$

The LCM of the denominators, 8 and 12, is 24. So, the LCD is 24. Write an equivalent fraction with a denominator of 24 for each fraction.



$\frac{15}{24} > \frac{14}{24}$, since $15 > 14$. So, $\frac{5}{8} > \frac{7}{12}$.

Got it? Do these problems to find out.

a. $\frac{2}{3} \bigcirc \frac{4}{9}$

b. $\frac{5}{12} \bigcirc \frac{7}{8}$

c. $\frac{1}{6} \bigcirc \frac{5}{18}$

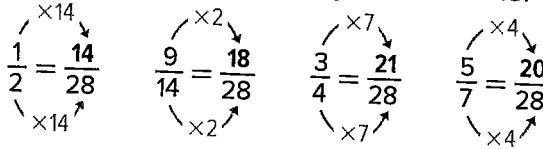
Example

Watch

Tutor

2. Order the fractions $\frac{1}{2}$, $\frac{9}{14}$, $\frac{3}{4}$, and $\frac{5}{7}$ from least to greatest.

Rewrite each fraction using the LCD of 28.

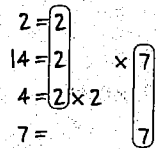


Since $\frac{14}{28} < \frac{18}{28} < \frac{20}{28} < \frac{21}{28}$, the order of the original fractions from least to greatest is $\frac{1}{2}$, $\frac{9}{14}$, $\frac{5}{7}$, $\frac{3}{4}$.

Got it? Do this problem to find out.

d. Order $\frac{1}{2}$, $\frac{5}{6}$, $\frac{2}{3}$, and $\frac{3}{5}$ from least to greatest.

Least Common Multiple



The LCM is $2 \times 2 \times 7$ or 28.

Show your work.

d.

Compare Fractions, Decimals, and Percents

It may be easier to compare fractions, decimals, and percents when they are all written as decimals.

$\frac{1}{5} = 0.2 = 20\%$	$\frac{2}{5} = 0.4 = 40\%$	$\frac{3}{5} = 0.6 = 60\%$	$\frac{4}{5} = 0.8 = 80\%$
$\frac{1}{8} = 0.125 = 12.5\%$	$\frac{3}{8} = 0.375 = 37.5\%$	$\frac{1}{3} = 0.\bar{3} = 33.\bar{3}\%$	$\frac{2}{3} = 0.\bar{6} = 66.\bar{6}\%$

Examples



Fill in each with $<$, $>$, or $=$ to make a true statement.

3. $\frac{3}{4}$ 0.7

$\frac{3}{4}$ 0.7
0.75 0.70

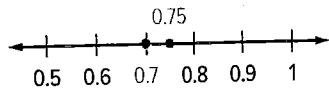
0.75 $>$ 0.70



Write the sentence.

Write $\frac{3}{4}$ as a decimal. Annex a zero to 0.7.

Compare the hundredths place. $5 > 0$



Since 0.75 is to the right of 0.7 on the number line, $\frac{3}{4} > 0.7$.

4. Lucita made 85% of her free throws. Henri made $\frac{7}{8}$ of his free throws. Who has the better average? Explain.

85% $\frac{7}{8}$

0.850 0.875

0.850 $<$ 0.875

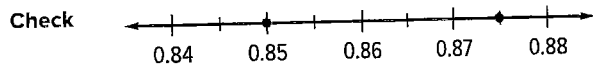


Write the sentence.

Write each number as a decimal. Annex a zero to 0.85.

Compare the hundredths place. $5 < 7$

Since $0.850 < 0.875$, Henri has the better average.



Since 0.85 is to the left of 0.875, the answer is correct. ✓

Got it? Do these problems to find out.

e. $\frac{2}{3}$ 0.6

f. 0.7 $\frac{8}{11}$

g. $\frac{1}{5}$ 0.2

h. 42% 0.44

i. 7% $\frac{7}{10}$

j. 6.5 650%



Example

Tutor



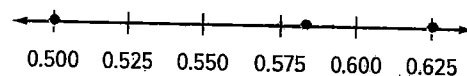
5. The table shows the school carnival attendance. Which grade has the greatest part of the class attending the carnival?

Grade	Attendance
6	$\frac{5}{8}$
7	0.5
8	58.3%

Order the numbers from least to greatest. Express each number as a decimal with the same number of places.

$$\frac{5}{8} = 0.625 \quad 0.5 = 0.500 \quad 58.3\% = 0.583$$

Graph the numbers on a number line.



From least to greatest, the numbers are 0.5, 58.3%, and $\frac{5}{8}$.

Since $\frac{5}{8}$ represents Grade 6, Grade 6 has the greatest part of the class attending the school carnival.

Got it? Do this problem to find out.

- k. Hiroshi found that $\frac{3}{5}$ of his class prefers vanilla ice cream, 26% prefers chocolate, and 0.14 prefers strawberry. Which kind of ice cream do students prefer the least?

Show your work.

k.

Guided Practice

Check



1. Order the fractions $\frac{4}{5}$, $\frac{1}{2}$, $\frac{9}{10}$, and $\frac{3}{4}$ from least to greatest. (Examples 1 and 2)

2. Cora spends $\frac{2}{3}$ of her free time blogging on the Internet. Leah spends 60% of her free time blogging on the Internet. Who spends more of her free time blogging?

(Examples 3 and 4)

Show your work.

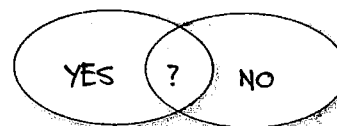
3. The table shows the wins for some middle school football teams. Which team has the greatest fraction of wins? (Example 5)

Team	Wins
Eagles	95%
Wolves	$\frac{9}{10}$
Mustangs	0.89

4. **Building on the Essential Question** How do you compare fractions, decimals, and percents?

Rate Yourself!

Are you ready to move on?
Shade the section that applies.



For more help, go online to access a Personal Tutor.

Tutor





Independent Practice

Fill in each \bigcirc with $<$, $>$, or $=$ to make a true statement. (Examples 1 and 3)

1. $\frac{1}{3} \bigcirc \frac{3}{5}$

2. $\frac{7}{12} \bigcirc \frac{1}{2}$

3. $\frac{1}{4} \bigcirc 0.4$

4. $0.7 \bigcirc \frac{7}{9}$

Show your work.

Order the fractions from least to greatest. (Example 2)

5. $\frac{1}{2}, \frac{2}{3}, \frac{1}{4}, \frac{5}{6}$

6. $\frac{2}{3}, \frac{2}{9}, \frac{5}{6}, \frac{11}{18}$

7. Darius spends 35% of his time doing math homework. Alex spends $\frac{2}{5}$ of his time doing math homework. Who spends more homework time on math? Explain. (Example 4)

8. Three snack bars contain $\frac{1}{5}$, 0.22, and 19% of their Calories from fat. Which snack bar contains the least amount of Calories from fat? (Example 5)

9. **MP Model with Mathematics** Use the graphic novel frame below for Exercises a–b.

Daniella	$\frac{1}{5}$ of shots
Dwayne	25%
Angel	4 out of 20

How can I compare these scores?

- Write each score as a decimal. _____
- Compare the three scores. _____

10. **MP Be Precise** Complete the graphic organizer. Write the original numbers to complete the statement.

Number	Steps to Write the Number as a Decimal with Three Places	Decimal
$\frac{3}{8}$	Divide the _____ by the _____.	0.375
0.3	The number is a decimal. Annex _____ zeros.	0.300
38.7%	Move the _____ point _____ places to the left. Remove the _____ symbol.	0.387

So, _____ < _____ < _____.

11. Order the portion of responses listed in the table from least to greatest.

Number of Times Eating Fast Food per Week	0	1-2	3-4	5+
Portion of Responses	17%	$\frac{11}{20}$	0.2	8%



H.O.T. Problems Higher Order Thinking

12. **MP Reason Abstractly** Specify three fractions with different denominators that have an LCD of 24. Then arrange the fractions in order from least to greatest.
- _____
13. **MP Persevere with Problems** Order $\frac{3}{8}$, $\frac{3}{7}$, and $\frac{3}{9}$ from least to greatest without writing equivalent fractions with a common denominator. Explain your strategy. _____
14. **MP Persevere with Problems** Are the fractions $\frac{3}{9}$, $\frac{3}{10}$, $\frac{3}{11}$, and $\frac{3}{12}$ arranged in order from least to greatest or from greatest to least? Explain. _____
15. **MP Construct an Argument** Is 0.4 less than, greater than, or equal to 44%? Explain your reasoning. _____