3.NF.3d

Standard: Compare two fractions with the same numerator or the same denominator by reasoning about their size. Recognize that comparisons are valid only when the two fractions refer to the same whole. Record the results of comparisons with the symbols >, =, or <, and justify the conclusions, e.g., by using a visual fraction model.

Objective: I can compare two fractions with the same denominator.

Instructional learning video* to support the objective:

https://youtu.be/ Esc4JPE FY

- 1. Practice Worksheet: EnVision Reteach 13-3, Review 13-3, Enrichment 13-3
- 2. NEW!! Fun Online Practice: Go on ST Math 30 minutes a day (access through Clever)
- 3. Problem of the Day (POD):



4. Fluency Practice: See the NEW Multiplication Fluency Folder for instructional videos and fun games to play!

Additional Online Resources:

• Imagine Learning (via Clever

Viewing the YouTube videos is optional as an enrichment opportunity. YouTube is a third party and has no contractual relationships with BPS. BPS cannot ensure that YouTube is safeguarding or protecting your child's privacy.

- Becca made 215 large postcards to sell at a school fair. She made 95 small postcards. How many postcards did she make to sell at the fair?
 - A 310 postcards
 - **B** 300 postcards
 - © 210 postcards
 - D 20 postcards
- 2. What fraction of the model is shaded?



- **3.** There are 7 pairs of socks in one pack. How many pairs of socks are in 8 packs?
 - A 15 pairs
 - B 49 pairs
 - © 56 pairs
 - D 63 pairs
- 4. Tricia needs \$145 to buy a new bike. She has saved \$76 from her summer job and plans to use this money to help pay for the bike. Tricia's father gives her \$10, and she plans to use that money as well. How much more money does Tricia need in order to buy the bike?



- Jamie uses yellow and blue beads to make a necklace. For every 3 yellow beads in the necklace, she uses
 blue bead. Her necklace has 20 blue beads. How many yellow beads does Jamie use?
- 6. Ms. Milady swims 5 laps each day. How many laps does she swim every week?
- Melanie hit 75 balls in softball practice on Monday. She hit 48 balls on Tuesday and 83 on Wednesday. How many balls did she hit in all?
- 8. Brady counted 32 items in his grocery cart. In his cart were 17 produce items, 6 deli items, and some dairy items. How many dairy items did Brady have in his grocery cart?
- **9.** A community garden divides a plot of land into 6 equal parts. Write the unit fraction to represent the equal parts of the land plot.

Name



Look-Alikes

Write the fraction from the box that shows the smaller part of each group. You will not use all of the fractions.











- 5. $\int_{-L}^{+} \int_{-L}^{+} \int_{-L}$
- **7.** Look at the fractions you did not use. Choose two with the same denominator. Write a number sentence that compares them.



- Name ______ Vocabulary ______ 1. Fractions are used to name a part of a whole. When comparing fractions, it is important to remember that the whole must be the same size. Two fruit bars are the same size. The top fruit bar is $\frac{1}{4}$ grape. The bottom fruit bar is $\frac{3}{4}$ grape. Which is greater, $\frac{3}{4}$ or $\frac{1}{4}$? _____ Record the comparison using symbols.
- 2. The first story of a building is $\frac{3}{8}$ white. The second story is $\frac{5}{8}$ white. The stories are the same size.

Which is greater, $\frac{3}{8}$ or $\frac{5}{8}$?

Record the comparison using symbols.

 $\frac{3}{8}$ \bigcirc $\frac{5}{8}$

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

3. Use the fraction strips to complete the statement.

If two fractions have the same denominator,

the fraction with the greater _____

is the ______ fraction.

On the Back!

4. Draw fraction strips to compare the size of $\frac{1}{3}$ and $\frac{2}{3}$. Use symbols to record the comparison.

			I		
1	1	1	1	1	
8	8	8	8	8	
1	1	1			
8	8	8			





Reteach to Build Understanding **13-3**

Problem of the Day Answer Key

Convince Me!
MP.2 Reasoning Write a number for each numerator to make each comparison true. Use a picture and words to explain how you decided.

5 $\frac{2}{3} > \frac{1}{3}$ $<\frac{7}{8}$

Sample answers given. Check students' drawings. If two fractions have the same denominator, the fraction with the lesser numerator is less than the other fraction.

Name _____

3.NBT.A.2

 Becca made 215 large postcards to sell at a school fair. She made 95 small postcards. How many postcards did she make to sell at the fair?

A	310	post	tcards
-		P	

- B 300 postcards
- © 210 postcards
- D 20 postcards

3.NF.A.1

2. What fraction of the model is shaded?



3.OA.A.1

- There are 7 pairs of socks in one pack. How many pairs of socks are in 8 packs?
 - A 15 pairs
 - B 49 pairs
 - 56 pairs
 - D 63 pairs

3.OA.D.8

4. Tricia needs \$145 to buy a new bike. She has saved \$76 from her summer job and plans to use this money to help pay for the bike. Tricia's father gives her \$10, and she plans to use that money as well. How much more money does Tricia need in order to buy the bike?



3.NBT.A.3

 Jamie uses yellow and blue beads to make a necklace. For every 3 yellow beads in the necklace, she uses
 blue bead. Her necklace has 20 blue beads. How many yellow beads does Jamie use?

Daily Common

Core Review 13-3

60 yellow beads

3.OA.A.3

 Ms. Milady swims 5 laps each day. How many laps does she swim every week?

35 laps

3.NBT.A.2

 Melanie hit 75 balls in softball practice on Monday. She hit 48 balls on Tuesday and 83 on Wednesday. How many balls did she hit in all?

206 balls

3.NBT.A.2

 Brady counted 32 items in his grocery cart. In his cart were 17 produce items, 6 deli items, and some dairy items. How many dairy items did Brady have in his grocery cart?

9 dairy items

3.G.A.2

1

 A community garden divides a plot of land into 6 equal parts. Write the unit fraction to represent the equal parts of the land plot.

Name



<u>2</u> 8

1 3

1 6

<u>2</u> 6

<u>3</u> 8

> 1 1

Look-Alikes

Write the fraction from the box that shows the smaller part of each group. You will not use all of the fractions.











- 5. $\int_{-L}^{+} \int_{-L}^{+} \int_{-}^{+} \int_{-L}^{+} \int_{-}^{+} \int_{-}^{+$
- $6. \qquad \underbrace{ \begin{smallmatrix} 1 \\ \triangle & \triangle \\ \hline \square & 1 \end{smallmatrix} \qquad \underbrace{ \begin{smallmatrix} 1 \\ \triangle & \triangle \\ \hline \square & 1 \end{smallmatrix} \qquad \underbrace{ \begin{smallmatrix} 1 \\ \triangle & \triangle \\ \hline \square & 1 \end{smallmatrix} \qquad \underbrace{ \begin{smallmatrix} 1 \\ \triangle & \triangle \\ \hline \square & 1 \end{smallmatrix} \qquad \underbrace{ \begin{smallmatrix} 1 \\ \triangle & \triangle \\ \square & 1 \end{smallmatrix} \qquad \underbrace{ \begin{smallmatrix} 1 \\ \triangle & \triangle \\ \square & 1 \end{smallmatrix} \qquad \underbrace{ \begin{smallmatrix} 1 \\ \triangle & \triangle \\ \square & 1 \end{smallmatrix} \qquad \underbrace{ \begin{smallmatrix} 1 \\ \triangle & \triangle \\ \square & 1 \end{smallmatrix} \qquad \underbrace{ \begin{smallmatrix} 1 \\ \triangle & \triangle \\ \square & 1 \end{smallmatrix} \qquad \underbrace{ \begin{smallmatrix} 1 \\ \triangle & \triangle 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- 7. Look at the fractions you did not use. Choose two with the same denominator. Write a number sentence that compares them.





- Name Understanding 13-3 Vocabulary – 1. Fractions are used to name a part of a whole. When comparing fractions, it is important to remember that the whole must be the same size. Two fruit bars are the same size. The top fruit bar is $\frac{1}{4}$ grape. The bottom fruit bar is $\frac{3}{4}$ grape. Which is greater, $\frac{3}{4}$ or $\frac{1}{4}$? Record the comparison using symbols. $\frac{3}{4}$ > $\frac{1}{4}$
 - 2. The first story of a building is $\frac{3}{8}$ white. The second story is $\frac{5}{8}$ white. The stories are the same size.

Which is greater, $\frac{3}{8}$ or $\frac{5}{8}$?

Record the comparison using symbols.

- $\frac{3}{8} \leqslant \frac{5}{8}$
- 3. Use the fraction strips to complete the statement.

If two fractions have the same denominator,

the fraction with the greater **numerator**

is the **greater** fraction.

On the Back!

4. Draw fraction strips to compare the size of $\frac{1}{3}$ and $\frac{2}{3}$. Use symbols to record the comparison.

Check students' drawings; $\frac{1}{3} < \frac{2}{3}$ or $\frac{2}{3} > \frac{1}{3}$

R13•3

1							
1 8	<u>1</u> 8	<u>1</u> 8	<u>1</u> 8	<u>1</u> 8			
1 8	1 8	1 8					





Reteach to Build