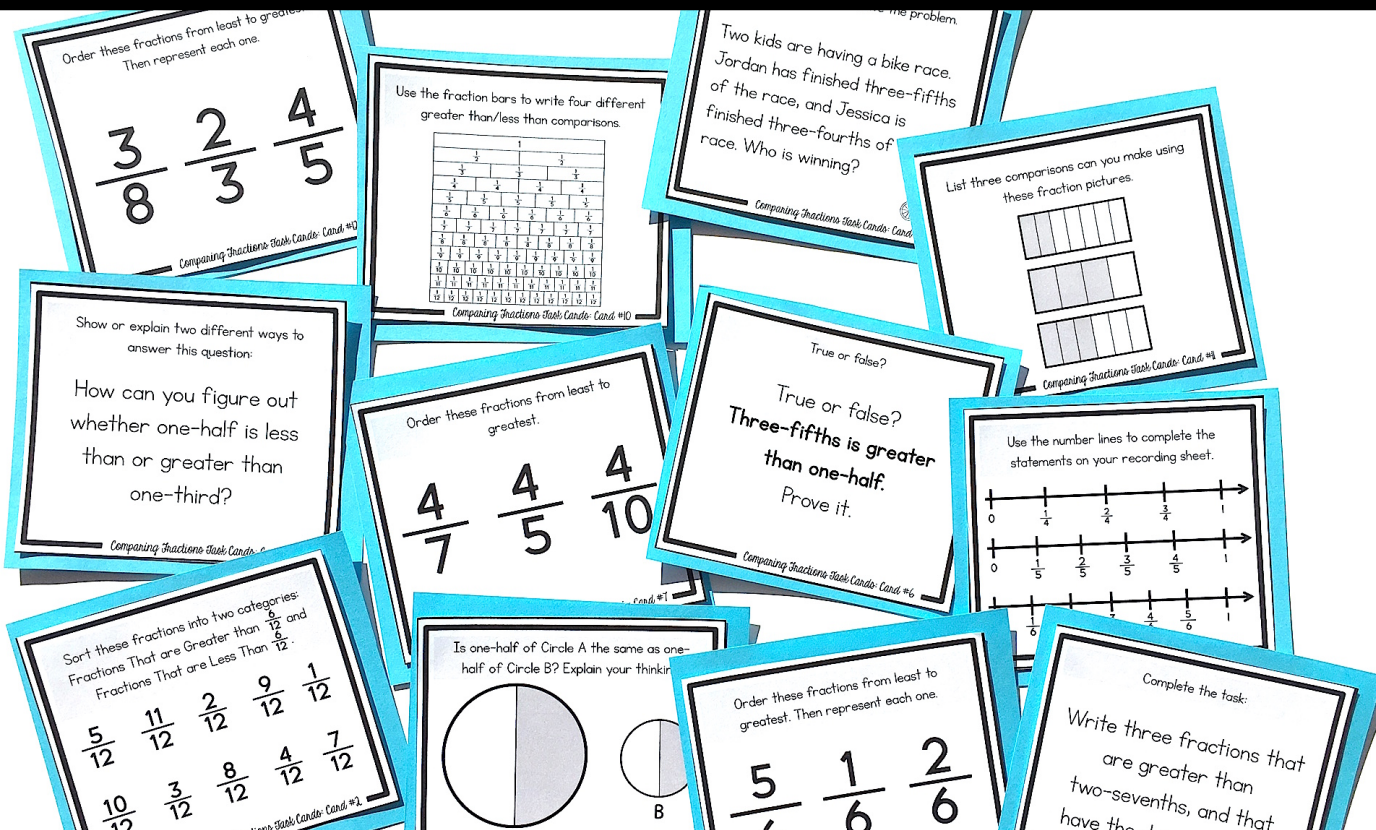


COMPARING FRACTIONS Task Cards



Created by Shelley Gray

About this Resource

This resource includes 24 task cards to help your students practice working with comparing fractions. Students will use these task cards to practice this concept in a variety of different ways.

I have also included three vocabulary posters. Post these in the classroom for quick reference.

THE THIRD GRADE Fraction STATION

a SELF-PACED, STRATEGIC,
STUDENT-CENTERED program
for basic fraction concepts



BY SHELLEY GRAY

Are you looking for even more support with teaching fractions in your classroom? You might be interested in the self-paced, student-centered Fraction Station that will allow your students to master fraction concepts at their own pace. Find the Fraction Stations for third and fourth grade here:

<https://www.teacherspayteachers.com/Product/The-Fraction-Station-Grades-3-4-Combo-Pack-3064881>



I'd love to help you get really strategic with your math instruction this year! Join me over on my website, [ShelleyGrayTeaching.com](http://shelleygrayteaching.com) for ideas, tips, and resources!

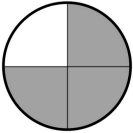
<http://shelleygrayteaching.com/>

This resource includes...

Three fraction vocabulary posters to post in the classroom for easy reference.

FRACTION

A **FRACTION** is a part of a whole.


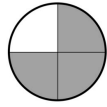
$$\frac{3}{4}$$


three-fourths

The whole has 4 parts. 3 of those parts are shaded.

NUMERATOR


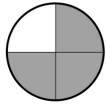
The **NUMERATOR** is the number on top. It represents the number of parts we have.

$$\frac{3}{4}$$



3 of the parts are shaded.

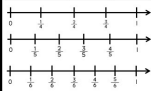
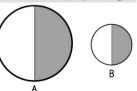
DENOMINATOR

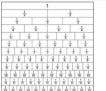

The **DENOMINATOR** is the number on the bottom. It represents the number of equal parts in the whole.




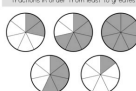
$$\frac{3}{4}$$





There are 4 equal parts in the whole

Twenty-four task cards to practice comparing fractions in a variety of different ways:

<p>Order these fractions from least to greatest. Then represent each one.</p> $\frac{5}{6} \quad \frac{1}{6} \quad \frac{2}{6}$ <p>Comparing Fractions: Nat. Grade: Grade 4</p>	<p>Sort these fractions into two categories: Fractions That are Greater Than $\frac{3}{8}$ and Fractions That are Less Than $\frac{3}{8}$.</p> $\frac{5}{12} \quad \frac{11}{12} \quad \frac{2}{12} \quad \frac{9}{12} \quad \frac{1}{12}$ $\frac{10}{12} \quad \frac{3}{12} \quad \frac{8}{12} \quad \frac{4}{12} \quad \frac{7}{12}$ <p>Comparing Fractions: Nat. Grade: Grade 4</p>
<p>Complete the task.</p> <p>Write three fractions that are greater than two-sevenths, and that have the denominator 7.</p> <p>Comparing Fractions: Nat. Grade: Grade 4</p>	<p>Use the number line to complete the statements on your recording sheet.</p>  <p>Comparing Fractions: Nat. Grade: Grade 4</p>
<p>Is one-half of Circle A the same as one-half of Circle B? Explain your thinking.</p>  <p>Comparing Fractions: Nat. Grade: Grade 4</p>	<p>True or false?</p> <p>Three-fifths is greater than one-half.</p> <p>Prove it.</p> <p>Comparing Fractions: Nat. Grade: Grade 4</p>

<p>Order these fractions from least to greatest.</p> $\frac{4}{7} \quad \frac{4}{5} \quad \frac{4}{10}$ <p>Comparing Fractions: Nat. Grade: Grade 4</p>	<p>Use number lines to solve the problem.</p> <p>Two kids are having a bike race. Jordan has finished three-fifths of the race, and Jessica has finished three-fourths of the race. Who is winning?</p> <p>Comparing Fractions: Nat. Grade: Grade 4</p>
<p>Show or explain two different ways to answer this question.</p> <p>How can you figure out whether one-half is less than or greater than one-third?</p> <p>Comparing Fractions: Nat. Grade: Grade 4</p>	<p>Use the fraction train to write four different greater-than/less-than comparisons.</p>  <p>Comparing Fractions: Nat. Grade: Grade 4</p>
<p>List three comparisons you can make using these fraction pictures.</p>  <p>Comparing Fractions: Nat. Grade: Grade 4</p>	<p>Re-arrange each fraction. Then order the fractions from least to greatest.</p> $\frac{2}{3} \quad \frac{3}{8} \quad \frac{4}{5}$ <p>Comparing Fractions: Nat. Grade: Grade 4</p>

<p>Solve the problem.</p> <p>After dinner, there is a bit of pie leftover. There is one-third of a cherry pie left and two-sevenths of an apple pie left. Which pie has more left over?</p>  <p>Comparing Fractions: Nat. Grade: Grade 4</p>	<p>Use the number line to complete the statements on your recording sheet.</p>  <p>Comparing Fractions: Nat. Grade: Grade 4</p>
<p>We know that four-fifths is typically greater than one-half. But is that true in this example? Why or why not?</p>  <p>Comparing Fractions: Nat. Grade: Grade 4</p>	<p>Sort these fractions into two categories: Fractions That are Greater Than $\frac{3}{8}$ and Fractions That are Less Than $\frac{3}{8}$.</p> $\frac{5}{5} \quad \frac{1}{5} \quad \frac{2}{5} \quad \frac{4}{5}$ <p>Comparing Fractions: Nat. Grade: Grade 4</p>
<p>Answer the question and provide an example.</p> <p>When you see two fractions with the same denominator, but a different numerator, how do you know which one is greater?</p> <p>Comparing Fractions: Nat. Grade: Grade 4</p>	<p>Look at the Fraction train below. Write the fractions in order from least to greatest.</p>  <p>Comparing Fractions: Nat. Grade: Grade 4</p>

<p>RECORDING SHEET - page 3</p> <p>Goal #1</p> <p>Show your work.</p>  <p>Write an answer sentence.</p> <p>_____</p>		<p>Goal #2</p> $\frac{3}{8} < \frac{1}{6} \quad \frac{1}{2} < \frac{2}{6}$ $\frac{2}{5} < \frac{5}{6} \quad \frac{3}{8} < \frac{5}{4}$ $\frac{4}{6} < \frac{1}{3} \quad \frac{1}{5} < \frac{1}{6}$
<p>Goal #3</p>  <p>_____</p>	<p>Goal #4</p> <p>Fractions Less Than $\frac{3}{8}$</p> <p>_____</p>	<p>Goal #5</p> <p>Fractions Greater Than $\frac{3}{8}$</p> <p>_____</p>
<p>Goal #6</p> <p>_____</p>	<p>Goal #7</p> <p>_____</p>	<p>Goal #8</p> <p>_____</p>

Recording sheets to help students stay organized:

<p>Use the number lines below to write 6 different fraction comparisons.</p> <p>Copying Student Self-Guide Grid #1</p>	<p>Draw a diagram or number line to solve the problem.</p> <p>One-fifth of the students are wearing blue shirts, and two-sevenths of the students are wearing green shirts. Are more students wearing blue or green shirts?</p> <p>Copying Student Self-Guide Grid #2</p>
<p>Use the fraction bars to answer the four false questions on your recording sheet.</p> <p>Copying Student Self-Guide Grid #3</p>	<p>Answer the question and provide an example.</p> <p>When you see two fractions with the same numerator, but a different denominator, how do you know which one is greater?</p> <p>Copying Student Self-Guide Grid #4</p>
<p>Order the fractions below from least to greatest.</p> <p>two-fifths two-thirds two-ninths two-fourths</p> <p>Copying Student Self-Guide Grid #5</p>	<p>Shade any fraction in each picture. Then write it in the space.</p> <p>Copying Student Self-Guide Grid #6</p>

<p>Grid #1</p> <p>Order and shade.</p>	<p>Grid #2</p> <p>Fraction Less Than $\frac{5}{6}$ Fraction Greater Than $\frac{5}{6}$</p>
<p>Grid #3</p>	<p>Grid #4</p> <p>Write a >, <, or = symbol.</p> <p>$\frac{2}{6}$ \square $\frac{3}{4}$ $\frac{3}{5}$ \square $\frac{4}{5}$ $\frac{3}{6}$ \square $\frac{5}{6}$ $\frac{3}{5}$ \square $\frac{1}{5}$ $\frac{1}{6}$ \square $\frac{1}{4}$ $\frac{3}{4}$ \square $\frac{4}{6}$</p>
<p>Grid #5</p>	<p>Grid #6</p>

<p>Grid #1</p> <p>Show your work.</p> <p>Order the fractions.</p>	<p>Grid #2</p> <p>Show your work.</p> <p>Write an answer sentence.</p>
<p>Grid #3</p>	<p>Grid #4</p> <p>\square is less than \square \square is less than \square \square is greater than \square \square is greater than \square</p>
<p>Grid #5</p> <p>1. _____ 2. _____ 3. _____</p>	<p>Grid #6</p>

<p>Grid #1</p> <p>1. 3 2. 4 3. 5</p>	<p>Grid #2</p> <p>Show your work.</p> <p>Write an answer sentence.</p>
<p>Grid #3</p> <p>Write "T" for true or "F" for false.</p> <p>$\frac{8}{10}$ is greater than $\frac{3}{3}$ _____ $\frac{6}{6}$ is less than $\frac{2}{2}$ _____ $\frac{6}{6}$ is greater than $\frac{2}{10}$ _____ $\frac{4}{4}$ is less than $\frac{5}{5}$ _____ $\frac{4}{8}$ is greater than $\frac{3}{6}$ _____</p>	<p>Grid #4</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>
<p>Grid #5</p>	<p>Grid #6</p>

Answer keys to make self-checking a breeze!

<p>Grid #1</p> <p>Order and shade.</p>	<p>Grid #2</p> <p>Fraction Less Than $\frac{5}{6}$ Fraction Greater Than $\frac{5}{6}$</p> <p>$\frac{5}{12}$ $\frac{2}{12}$ $\frac{1}{12}$ $\frac{7}{12}$ $\frac{2}{12}$ $\frac{4}{12}$ $\frac{3}{12}$ $\frac{8}{12}$ $\frac{10}{12}$</p>
<p>Grid #3</p> <p>Answers may vary, but can include any of these fractions:</p> <p>$\frac{3}{7}$ $\frac{4}{7}$ $\frac{5}{7}$ $\frac{6}{7}$ $\frac{7}{7}$</p>	<p>Grid #4</p> <p>Write a >, <, or = symbol.</p> <p>$\frac{2}{6}$ \square $\frac{3}{4}$ $\frac{3}{5}$ \square $\frac{4}{5}$ $\frac{3}{6}$ \square $\frac{5}{6}$ $\frac{3}{5}$ \square $\frac{1}{5}$ $\frac{1}{6}$ \square $\frac{1}{4}$ $\frac{3}{4}$ \square $\frac{4}{6}$</p>
<p>Grid #5</p> <p>The two circles are not the same size, so one-half of Circle A is NOT the same as one-half of Circle B. To compare fractions, they must represent the same size.</p>	<p>Grid #6</p> <p>TRUE</p>

<p>Grid #1</p> <p>Show your work.</p> <p>Order the fractions.</p> <p>$\frac{4}{10}$ $\frac{4}{7}$ $\frac{4}{5}$</p>	<p>Grid #2</p> <p>Show your work.</p> <p>Write an answer sentence.</p> <p>Stessa is wrong the most.</p>
<p>Grid #3</p> <p>Answers might vary, but here are a couple of options.</p> <p>I can draw a fraction diagram to compare the two.</p> <p>I can compare the two fractions on a number line.</p>	<p>Grid #4</p> <p>Answers will vary. Ask your teacher to check these answers.</p> <p>\square is greater than \square</p>
<p>Grid #5</p> <p>Answers will vary. Ask your teacher to check these answers.</p> <p>1. _____ 2. _____ 3. _____</p>	<p>Grid #6</p> <p>$\frac{3}{8}$ $\frac{2}{3}$ $\frac{4}{5}$</p>

<p>Grid #1</p> <p>Show your work.</p> <p>Write an answer sentence.</p> <p>There is more cherry pie than apple pie left!</p>	<p>Grid #2</p> <p>$\frac{3}{6}$ \square $\frac{1}{6}$ $\frac{1}{2}$ \square $\frac{2}{6}$ $\frac{3}{6}$ \square $\frac{5}{6}$ $\frac{3}{6}$ \square $\frac{5}{6}$ $\frac{4}{6}$ \square $\frac{1}{3}$ $\frac{1}{3}$ \square $\frac{1}{3}$</p>
<p>Grid #3</p> <p>The two rectangles are not the same size, so in this case one-half of the larger rectangle is greater than two-thirds of the smaller rectangle.</p>	<p>Grid #4</p> <p>Fraction Less Than $\frac{1}{2}$ Fraction Greater Than $\frac{1}{2}$</p> <p>$\frac{1}{5}$ $\frac{2}{5}$ $\frac{4}{5}$ $\frac{5}{5}$</p>
<p>Grid #5</p> <p>When two fractions have the same denominator, the one with the larger numerator is the greater fraction.</p> <p>Example: $\frac{4}{5} > \frac{2}{5}$</p>	<p>Grid #6</p> <p>$\frac{1}{7}$ $\frac{2}{7}$ $\frac{4}{7}$ $\frac{5}{7}$ $\frac{7}{7}$</p>

<p>Grid #1</p> <p>1. 3 2. _____ 3. _____</p> <p>Answers will vary. Ask your teacher to check these answers.</p>	<p>Grid #2</p> <p>Show your work.</p> <p>Write an answer sentence.</p> <p>More students are wearing green shirts than blue shirts.</p>
<p>Grid #3</p> <p>Write "T" for true or "F" for false.</p> <p>$\frac{8}{10}$ is greater than $\frac{3}{3}$ F $\frac{6}{6}$ is less than $\frac{2}{2}$ T $\frac{6}{6}$ is greater than $\frac{2}{10}$ F $\frac{4}{4}$ is less than $\frac{5}{5}$ F $\frac{4}{8}$ is greater than $\frac{3}{6}$ F</p> <p>Example: $\frac{3}{6} > \frac{3}{9}$</p>	<p>Grid #4</p> <p>When two fractions have the same numerator but a different denominator, the one with the smaller denominator is the greater fraction.</p> <p>Example: $\frac{3}{6} > \frac{3}{9}$</p>
<p>Grid #5</p> <p>two-fifths two-ninths two-fifths two-fourths</p>	<p>Grid #6</p> <p>Answers will vary. Ask your teacher to check these answers.</p>