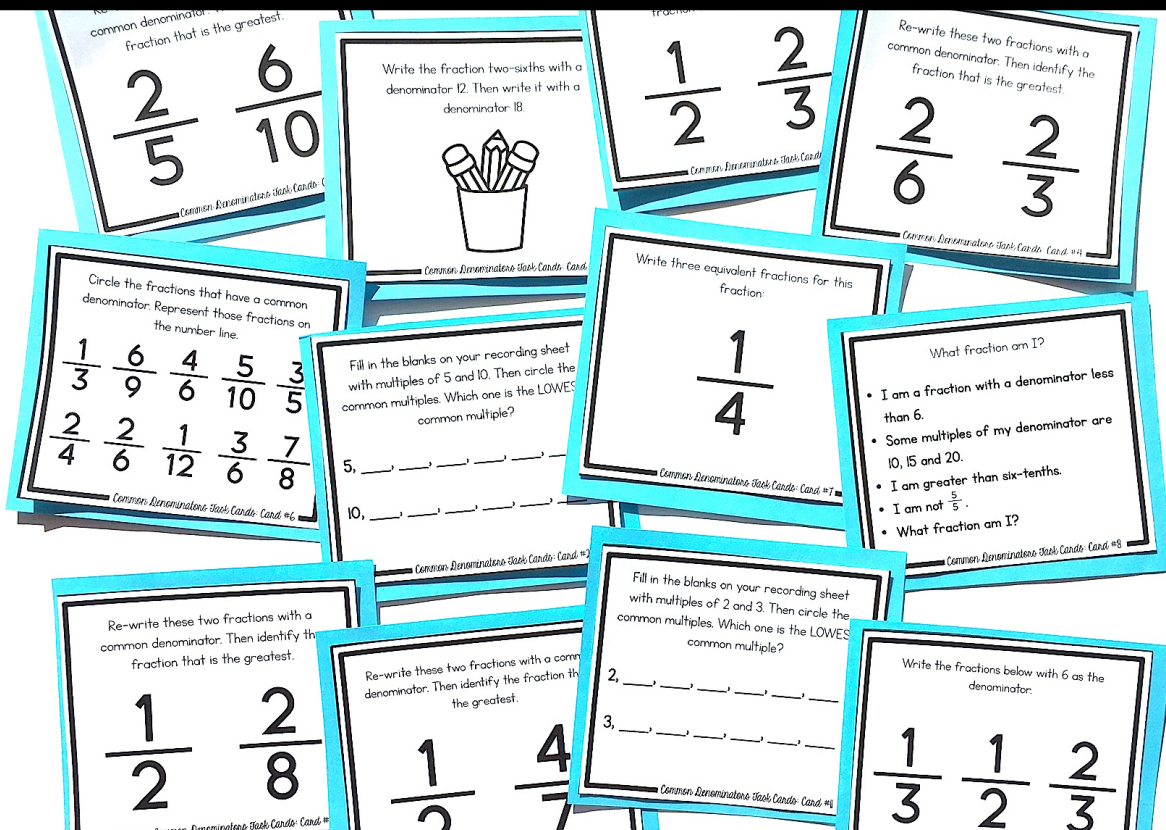


COMMON DENOMINATORS Task Cards



Created by Shelley Gray

About this Resource

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

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



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!

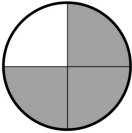
<http://shelleygrayteaching.com/>

This resource includes...

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

FRACTION

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


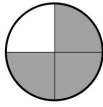
$$\frac{3}{4}$$


three-fourths

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

NUMERATOR


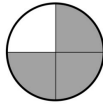
The **NUMERATOR** is the number on top. It represents the number of parts we have.

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



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


COMMON DENOMINATOR

Two fractions have **COMMON DENOMINATORS** when their denominators are the same. Fractions with common denominators are easier to compare.

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



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


Twenty-four task cards to practice working with common denominators in a variety of different ways:

<p>Rewrite these two fractions with a common denominator. Then identify the fraction that is the greatest.</p> $\frac{1}{2} \quad \frac{2}{3}$ <p>Common Denominator: $\frac{\quad}{\quad}$ $\frac{\quad}{\quad}$</p>	<p>Fill in the blanks on your recording sheet with multiples of 5 and 10. Then circle the common multiples. Which one is the LOWEST common multiple?</p> <p>5: _____</p> <p>10: _____</p>
<p>Write the fraction two-thirds with a denominator 6. Then write it with a denominator 9.</p> 	<p>Rewrite these two fractions with a common denominator. Then identify the fraction that is the greatest.</p> $\frac{2}{6} \quad \frac{2}{3}$
<p>Rewrite these two fractions with a common denominator. Then identify the fraction that is the greatest.</p> $\frac{2}{5} \quad \frac{6}{10}$	<p>Circle the fractions that have a common denominator. Represent these fractions on the number line.</p> $\frac{1}{3} \quad \frac{6}{9} \quad \frac{4}{6} \quad \frac{5}{10} \quad \frac{3}{5}$ $\frac{2}{4} \quad \frac{2}{6} \quad \frac{1}{12} \quad \frac{3}{6} \quad \frac{7}{8}$

<p>Write three equivalent fractions for this fraction.</p> $\frac{1}{4}$	<p>What fraction am I?</p> <ul style="list-style-type: none"> I am a fraction with a denominator less than 6. Some multiples of my denominator are 10, 15 and 20. I am greater than six-tenths. I am not $\frac{2}{3}$. What fraction am I?
<p>Rewrite these two fractions with a common denominator. Then identify the fraction that is the greatest.</p> $\frac{1}{2} \quad \frac{2}{8}$	<p>Rewrite these two fractions with a common denominator. Then identify the fraction that is the greatest.</p> $\frac{1}{2} \quad \frac{4}{7}$
<p>Fill in the blanks on your recording sheet with multiples of 2 and 3. Then circle the common multiples. Which one is the LOWEST common multiple?</p> <p>2: _____</p> <p>3: _____</p>	<p>Write the fractions below with 6 as the denominator.</p> $\frac{1}{3} \quad \frac{1}{2} \quad \frac{2}{3}$

<p>Rewrite these two fractions with a common denominator. Then identify the fraction that is the greatest.</p> $\frac{3}{5} \quad \frac{8}{10}$	<p>Compare these fractions using >, < or =. Remember that the first step is finding a common denominator!</p> $\frac{2}{3} \quad \frac{4}{5}$
<p>Rewrite these two fractions with a common denominator. Then identify the fraction that is the greatest.</p> $\frac{4}{8} \quad \frac{2}{3}$	<p>What fraction am I?</p> <ul style="list-style-type: none"> I am a fraction with a denominator greater than 2 but less than 5. Some multiples of my denominator are 12, 16, 20, and 24. I am greater than $\frac{2}{3}$. I am not equivalent to $\frac{2}{3}$ and I am not one whole. What fraction am I?
<p>Compare these fractions using >, < or =. Remember that the first step is finding a common denominator!</p> $\frac{1}{2} \quad \frac{3}{8}$	<p>Rewrite these two fractions with a common denominator. Then identify the fraction that is the greatest.</p> $\frac{2}{2} \quad \frac{8}{9}$

<p>Write the fractions below with 8 as the denominator.</p> $\frac{3}{4} \quad \frac{1}{2} \quad \frac{1}{4}$	<p>Rewrite these two fractions with a common denominator. Then identify the fraction that is the greatest.</p> $\frac{4}{5} \quad \frac{2}{3}$
<p>Write the fraction three-fifths with a denominator 10. Then write it with a denominator 20.</p> 	<p>Rewrite these two fractions with a common denominator. Then identify the fraction that is the greatest.</p> $\frac{5}{12} \quad \frac{3}{4}$
<p>Fill in the blanks on your recording sheet with multiples of 4 and 6. Then circle the common multiples. Which one is the LOWEST common multiple?</p> <p>4: _____</p> <p>6: _____</p>	<p>Write three equivalent fractions for this fraction.</p> $\frac{1}{3}$

Recording sheets to help students stay organized:

RECORDING SHEET - page 1	
Goal #1 Rewrite the fractions	Goal #4 List the multiples of 5 and 10. 5: _____ 10: _____ Circle the common multiples. What is the <u>lowest</u> common multiple? _____
Goal #2	Goal #3 Rewrite the fractions
	Which fraction is the greatest? _____
Goal #5 Rewrite the fractions	Goal #6 List the multiples of 2 and 3. 2: _____ 3: _____ Circle the common multiples. What is the <u>lowest</u> common multiple? _____
	Which fraction is the greatest? _____

RECORDING SHEET - page 2	
Goal #7	Goal #8
Goal #9 Rewrite the fractions	Goal #10 Rewrite the fractions
Which fraction is the greatest? _____	Which fraction is the greatest? _____
Goal #11	Goal #12
Goal #13 List the multiples of 4 and 6. 4: _____ 6: _____ Circle the common multiples. What is the <u>lowest</u> common multiple? _____	Goal #14 Rewrite the fractions
	Which fraction is the greatest? _____

RECORDING SHEET - page 3	
Goal #15 Rewrite the fractions	Goal #16
Which fraction is the greatest? _____	
Goal #17 Rewrite the fractions	Goal #18
Which fraction is the greatest? _____	
Goal #19	Goal #20 Rewrite the fractions
	Which fraction is the greatest? _____

RECORDING SHEET - page 4	
Goal #21	Goal #22 Rewrite the fractions
	Which fraction is the greatest? _____
Goal #23 List the multiples of 4 and 6. 4: _____ 6: _____ Circle the common multiples. What is the <u>lowest</u> common multiple? _____	Goal #24
	Which fraction is the greatest? _____

Answer keys to make self-checking a breeze!

ANSWER KEY	
Goal #1 Rewrite the fractions $\frac{1}{2} = \frac{3}{6}$ $\frac{2}{3} = \frac{4}{6}$ Which fraction is the greatest? $\frac{3}{6} < \frac{4}{6}$	Goal #4 List the multiples of 5 and 10. 5: (5, 10, 15, 20, 25, 30, 35) 10: (10, 20, 30, 40, 50, 60, 70) Circle the common multiples. What is the <u>lowest</u> common multiple? 10
Goal #2 $\frac{2}{6} = \frac{4}{12} = \frac{6}{18}$	Goal #3 Rewrite the fractions $\frac{2}{3} = \frac{4}{6}$ Which fraction is the greatest? $\frac{2}{3} = \frac{4}{6}$
Goal #5 Rewrite the fractions $\frac{6}{10} = \frac{3}{5}$ $\frac{2}{5} = \frac{4}{10}$ Which fraction is the greatest? $\frac{6}{10} > \frac{4}{10}$	Goal #6 List the multiples of 2 and 3. 2: (2, 4, 6, 8, 10, 12, 14) 3: (3, 6, 9, 12, 15, 18, 21) Circle the common multiples. What is the <u>lowest</u> common multiple? 6

ANSWER KEY	
Goal #7 Answers will vary, but some options include: $\frac{2}{8}$, $\frac{3}{12}$, $\frac{4}{16}$	Goal #8 I am $\frac{4}{5}$.
Goal #9 Rewrite the fractions $\frac{1}{2} = \frac{4}{8}$ $\frac{2}{8}$ Which fraction is the greatest? $\frac{1}{2} = \frac{4}{8}$	Goal #10 Rewrite the fractions $\frac{1}{2} = \frac{7}{14}$ $\frac{4}{7} = \frac{8}{14}$ Which fraction is the greatest? $\frac{8}{14}$
Goal #11 List the multiples of 2 and 3. 2: (2, 4, 6, 8, 10, 12, 14) 3: (3, 6, 9, 12, 15, 18, 21) Circle the common multiples. What is the <u>lowest</u> common multiple? 6	Goal #12 $\frac{1}{3} = \frac{2}{6}$ $\frac{1}{2} = \frac{3}{6}$ $\frac{2}{3} = \frac{4}{6}$

ANSWER KEY	
Goal #15 Rewrite the fractions $\frac{3}{5} = \frac{6}{10}$ $\frac{8}{10}$ Which fraction is the greatest? $\frac{8}{10}$	Goal #16 $\frac{4}{5} = \frac{12}{15}$, $\frac{2}{3} = \frac{10}{15}$ $\frac{4}{5} > \frac{2}{3}$
Goal #17 Rewrite the fractions $\frac{4}{8} = \frac{12}{24}$, $\frac{2}{3} = \frac{16}{24}$ Which fraction is the greatest? $\frac{2}{3} = \frac{16}{24}$	Goal #18 I am $\frac{3}{4}$.
Goal #19 $\frac{1}{2} = \frac{4}{8}$, $\frac{3}{8}$ $\frac{4}{8} > \frac{3}{8}$	Goal #20 Rewrite the fractions $\frac{2}{2} = \frac{18}{18}$ $\frac{8}{9} = \frac{16}{18}$ Which fraction is the greatest? $\frac{2}{2} = \frac{18}{18}$

ANSWER KEY	
Goal #21 $\frac{3}{4} = \frac{6}{8}$ $\frac{1}{2} = \frac{4}{8}$ $\frac{1}{4} = \frac{2}{8}$	Goal #22 Rewrite the fractions $\frac{4}{5} = \frac{12}{15}$ $\frac{2}{3} = \frac{10}{15}$ Which fraction is the greatest? $\frac{4}{5} = \frac{12}{15}$
Goal #23 $\frac{3}{5} = \frac{6}{10} = \frac{12}{20}$	Goal #24 Rewrite the fractions $\frac{5}{12}$ $\frac{3}{4} = \frac{9}{12}$ Which fraction is the greatest? $\frac{3}{4} = \frac{9}{12}$
Goal #25 List the multiples of 4 and 6. 4: (4, 8, 12, 16, 20, 24, 28) 6: (6, 12, 18, 24, 30, 36, 42) Circle the common multiples. What is the <u>lowest</u> common multiple? 12	Goal #26 Answers will vary, but some options include: $\frac{2}{6}$, $\frac{3}{9}$, $\frac{4}{12}$