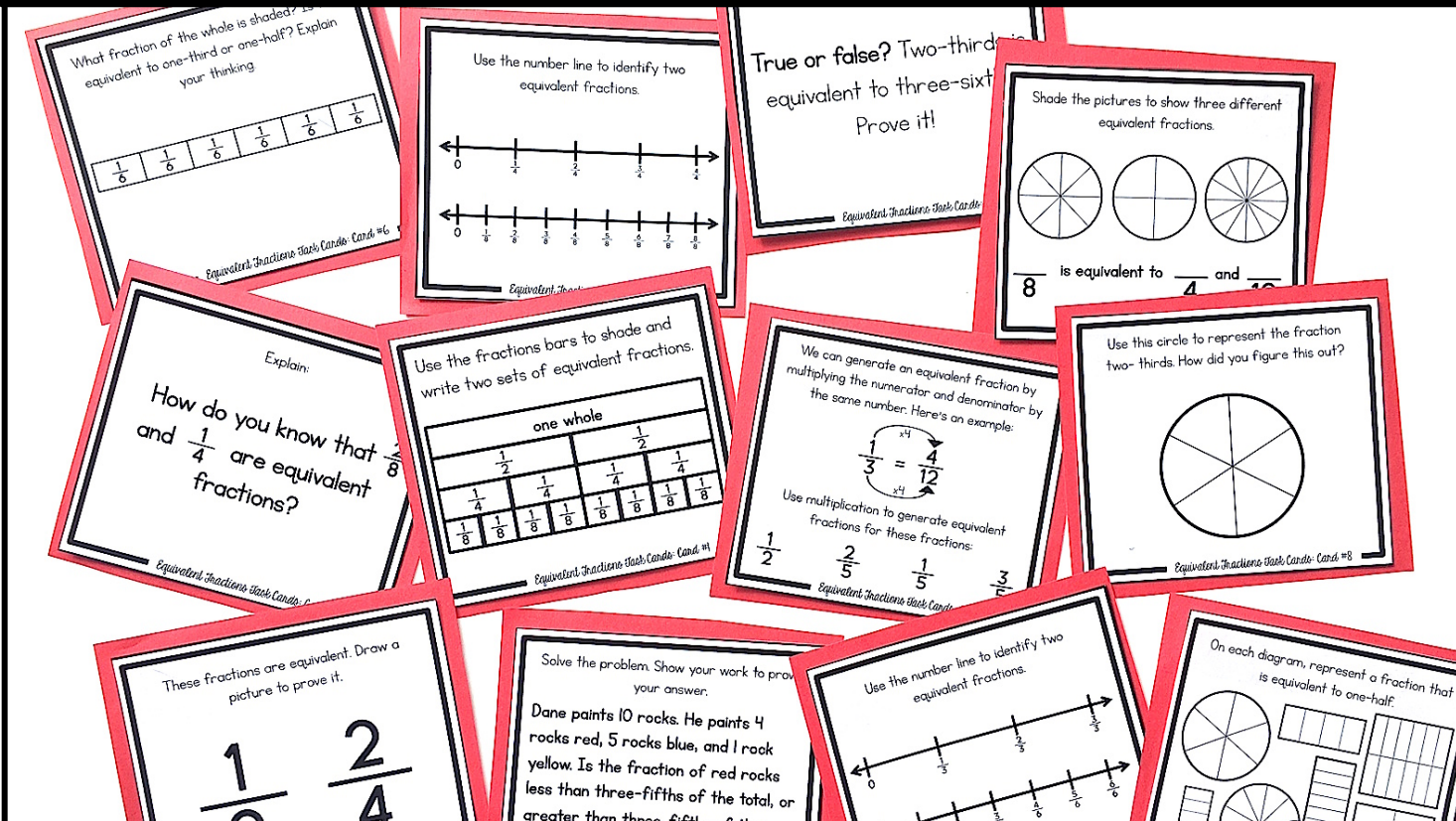


# EQUIVALENT FRACTIONS Task Cards



Created by Shelley Gray

# About this Resource

This resource includes 24 task cards to help your students practice working with equivalent 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!

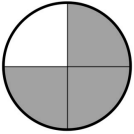
<http://shelleygrayteaching.com/>

# This resource includes...

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

## FRACTION

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


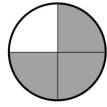
$\frac{3}{4}$  

three-fourths

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

## NUMERATOR


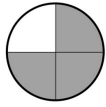
The **NUMERATOR** is the number on top. It represents the number of parts we have.

$\frac{3}{4}$   

3 of the parts are shaded.

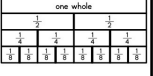


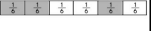
## DENOMINATOR

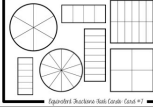



The **DENOMINATOR** is the number on the bottom. It represents the number of equal parts in the whole.

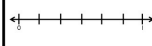
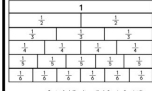
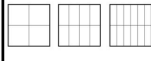
$\frac{3}{4}$   

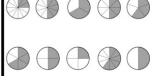

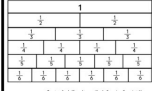
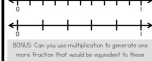

There are 4 equal parts in the whole

Twenty-four task cards to practice working with equivalent fractions:

Use the fraction bars to shade and write one set of equivalent fractions.	True or false? Prove it!
	True or false? Two-thirds is equivalent to three-sixths. Prove it!
Explain.	Use the number line to identify two equivalent fractions.
How do you know that $\frac{2}{8}$ and $\frac{1}{4}$ are equivalent fractions?	
Shade the pictures to show three different equivalent fractions.	What fraction of the whole is shaded? Is this equivalent to one-third or one-half? Explain your thinking.
	
8 is equivalent to $\frac{1}{4}$ and $\frac{1}{12}$	

On each diagram represent a fraction that is equivalent to one-half!	Use the circle to represent the fraction two-thirds. How did you figure this out?
	
Use the number lines to identify two equivalent fractions.	These fractions are equivalent. Draw a picture to prove it.
	$\frac{1}{2} = \frac{2}{4}$
Solve the problem. Show your work to prove your answer.	We can generate an equivalent fraction by multiplying the numerator and denominator by the same number. Here's an example.
Dane paints 10 rocks. He paints 4 rocks red, 5 rocks blue, and 1 rock yellow. Is the fraction of red rocks less than three-fifths of the total, or greater than three-fifths of the total?	Use multiplication to generate equivalent fractions for these fractions.
	$\frac{1}{2} = \frac{2}{4} = \frac{3}{6} = \frac{4}{8} = \frac{5}{10}$

Use a number line to prove that $\frac{1}{3}$ and $\frac{2}{6}$ are equivalent fractions.	Solve the problem. Show your work to prove your answer.
	Henri walks four-fifths of the way to the park. Has Henri walked less than half of the distance, or more than half of the distance?
Use the fraction bars to identify three sets of equivalent fractions.	Shade the pictures to show three different fractions that are equivalent.
	
Is this true or false? Prove it!	Solve the problem. Show your work to prove your answer.
True or false? One fifth is the same as three tenths. Prove your answer in two different ways.	One half of the team is wearing a blue shirt, and the other half is wearing a red shirt. There are 12 people on the team altogether. If the coach divides the team into four groups, how many will be wearing blue? How many will be wearing red?
$\frac{1}{5} = \frac{3}{15}$	

Match each fraction from the top row to its equivalent fraction on the bottom row.	What is an equivalent fraction? Write an explanation and draw a picture to show what you mean.
	
Use the fraction bars to identify two fractions that are equivalent to $\frac{1}{2}$ .	How do you know that $\frac{2}{8}$ and $\frac{1}{4}$ are equivalent fractions? Use the number lines to help you explain.
	
Shade the pictures to show three different equivalent fractions.	Problem solving.
	Out of the four days that the family was on vacation, two days were sunny and two days were rainy. What fraction of the days were sunny? Show your answer in two different ways - as fourths and as halves.

## Recording sheets to help students stay organized:

<b>RECORDING SHEET - page 1</b> <b>Goal #1</b> Shade the equivalent fractions.  one whole $\frac{1}{3}$ $\frac{2}{6}$ $\frac{4}{12}$ $\frac{8}{12}$ _____ is equivalent to _____. <b>Goal #2</b> True or false? Draw it!		<b>RECORDING SHEET - page 2</b> <b>Goal #1</b>  <b>Goal #2</b> How did you figure this out? _____ <b>Goal #3</b> True or false? Draw it!		<b>RECORDING SHEET - page 3</b> <b>Goal #2</b>  <b>Goal #3</b> Write the equivalent fractions here:  <b>Goal #4</b> True or false? Show your work: Write an answer sentence: _____ <b>Goal #5</b> True or false? Show your work: Write an answer sentence: _____		<b>RECORDING SHEET - page 4</b>  <b>Goal #2</b> True or false? Show your work: Write an answer sentence: _____ <b>Goal #3</b> True or false? Show your work: Write an answer sentence: _____ <b>Goal #4</b> True or false? Show your work: Write an answer sentence: _____	
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## Answer keys to make self-checking a breeze!

<b>ANSWER KEY</b> <b>Goal #1</b> Shade the equivalent fractions.  one whole $\frac{1}{3}$ $\frac{2}{6}$ $\frac{4}{12}$ $\frac{8}{12}$ _____ is equivalent to _____. <b>Goal #2</b> True or false? <b>False</b> Draw it! 		<b>ANSWER KEY</b> <b>Goal #1</b>  <b>Goal #2</b> How did you figure this out? If I divide the circle into six, there are two sectors to each third. If I divide it into ten, there will be two sectors to each third. <b>Goal #3</b> True or false? Draw it!		<b>ANSWER KEY</b> <b>Goal #2</b>  <b>Goal #3</b> Write the equivalent fractions here:  <b>Goal #4</b> True or false? Show your work: Write an answer sentence: _____ <b>Goal #5</b> True or false? Show your work: Write an answer sentence: _____		<b>ANSWER KEY</b>  <b>Goal #2</b> True or false? Show your work: Write an answer sentence: _____ <b>Goal #3</b> True or false? Show your work: Write an answer sentence: _____ <b>Goal #4</b> True or false? Show your work: Write an answer sentence: _____	
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