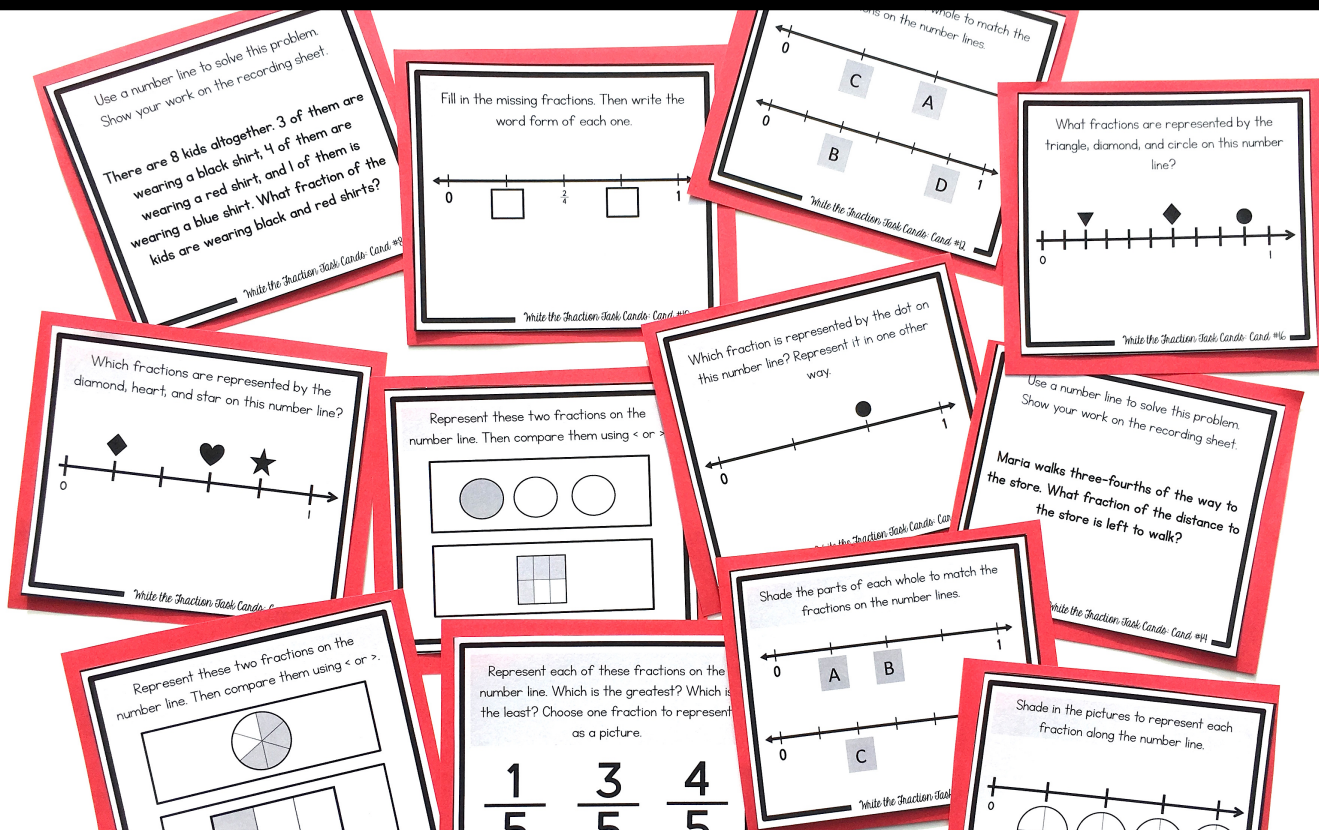


FRACTIONS ON A NUMBER LINE Task Cards



Created by Shelley Gray

About this Resource

This resource includes 24 task cards to help your students practice fractions on a number line. 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.



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!

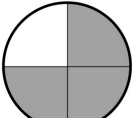
<http://shelleygrayteaching.com/>

This resource includes...

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

FRACTION

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

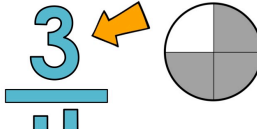


three-fourths

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

NUMERATOR

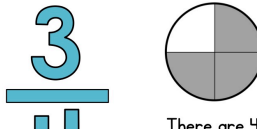
The **NUMERATOR** is the number on top. It represents the number of parts we have.



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.



There are 4 equal parts in the whole

Twenty-four task cards to reinforce the concept of fractions on a number line. The variety of different tasks will encourage students to think about fractions on a number line in many different ways.

RECORDING SHEET - page 4

Card #1
Represent the fractions on the number line.
Show your work.
Compare the fractions using > or <.
 $\frac{4}{8}$ $\frac{5}{8}$ $\frac{2}{8}$ $\frac{7}{8}$
Write the fractions in order from least to greatest.

Card #2
The ★ represents.
Here are two other ways to represent that fraction.

Card #3
Write the fraction in each box.
Write the word form of each fraction.

Card #4
Represent the fractions on the number line.
Compare the fractions using > or <.
 $\frac{2}{10}$ $\frac{9}{10}$ $\frac{5}{10}$ $\frac{4}{10}$
Represent one of the fractions on a picture.

RECORDING SHEET - page 1

Card #1
Write the fraction. Write the word form.

Card #2
Show your work.
Write an answer sentence.

Card #3
The ★ represents.
Here are two other ways to represent that fraction.

Card #4
Write the fraction in order from least to greatest.

Which fractions are represented by the diamond, heart and star on this number line?

Use a number line to solve this problem. Show your work on the recording sheet!

There are 8 kids altogether. 3 of them are wearing a black shirt. $\frac{1}{4}$ of them are wearing a red shirt, and $\frac{1}{4}$ of them are wearing a blue shirt. What fraction of the kids are wearing black and red shirts?

Which fraction is represented by the dot on this number line? Represent it in one other way.

Fill in the missing fractions. Then write the word form of each one.

Represent these two fractions on the number line. Then compare them using > or <.

Shade the parts of each whole to match the fractions on the number line.

Which fractions are represented by the other cards, and square on this number line?

Use a number line to solve this problem. Show your work on the recording sheet!

Sade has 4 pictures to color. She colors one in the morning, and one in the afternoon. What fraction of the pictures has she colored?

Which fraction is represented by the star on this number line? Represent it in two other ways.

Represent each of these fractions on the number line.

Shade in the pictures to represent each fraction along the number line.

Represent the fractions on the number line. Then compare them using > or < or = (use symbols).

Recording sheets to help students stay organized:

RECORDING SHEET - page 3

Goal #1
Represent the fractions:

Use red to circle the fraction that is the greatest. Use blue to circle the fraction that is the least.
Choose one of the fractions to represent as a picture.

Goal #2
Show your work:

Write an answer sentence:

Goal #3
A: B:
C: D:

Goal #4
Write the fraction. Write the word form.

Goal #5
Represent the fractions on the number line:

Compare the fractions using > or <:

RECORDING SHEET - page 2

Goal #7
Write the fraction. Write the word form.

Goal #8
Show your work:

Write an answer sentence:

Goal #9
The ● represents:
Here are two other ways to represent that fraction:

Goal #10
Fill in the missing fractions:

Write the word form of each fraction:

Goal #11
Represent the fractions on the number line:

Compare the fractions using > or <:

Goal #12
Represent the fractions on the number line. Then compare them using a greater than or less than symbol and order from least to greatest.
 $\frac{7}{8}$ $\frac{4}{8}$ $\frac{2}{8}$ $\frac{5}{8}$

Goal #13
Use a number line to solve this problem. Show your work on the recording sheet.
Out of the 6 socks, 4 are white and 2 are black. What fraction of the socks are white? What fraction of the socks are black?

Goal #14
Which fraction is represented by the star on this number line? Represent it in two other ways.

Goal #15
Write the fraction in each box. Then represent each one in words.

Goal #16
Shade the parts of each whole to match the fractions on the number line.

Goal #17
Shade the parts of each whole to match the fractions on the number line. Then compare the fractions and represent one of them as a picture.

Goal #18
Represent each of these fractions on the number line. Then compare them using > or <.
 $\frac{2}{10}$ $\frac{9}{10}$ $\frac{5}{10}$ $\frac{4}{10}$

Goal #19
Represent each of these fractions on the number line. Which is the greatest? Which is the least? Choose one fraction to represent as a picture.
 $\frac{1}{5}$ $\frac{3}{5}$ $\frac{4}{5}$

Goal #20
Use a number line to solve this problem. Show your work on the recording sheet.
Nicholas walks two-thirds of the way to the store. What fraction of the distance to the store is left to walk?

Goal #21
Shade the parts of each whole to match the fractions on the number line.

Goal #22
What fractions are represented by the triangle, diamond, and circle on the number line?

Goal #23
Shade in the pictures to represent each fraction on the number line. Then compare them using > or <.

Goal #24
Represent these two fractions on the number line. Then compare them using > or <.

Answer keys to make self-checking a breeze!

ANSWER KEY

Goal #1
Represent the fractions on the number line:

Compare the fractions using > or <:
 $\frac{4}{8} > \frac{2}{8}$ $\frac{5}{8} > \frac{7}{8}$
Write the fractions in order from least to greatest:
 $\frac{2}{8}$ $\frac{4}{8}$ $\frac{5}{8}$ $\frac{7}{8}$
Write the fractions in order from least to greatest:
 $\frac{2}{8}$ $\frac{4}{8}$ $\frac{5}{8}$ $\frac{7}{8}$
Write the word form of each fraction:
 $\frac{2}{8}$ - two-eighths
 $\frac{4}{8}$ - four-eighths
 $\frac{5}{8}$ - five-eighths
 $\frac{7}{8}$ - seven-eighths

Goal #2
The ★ represents $\frac{3}{5}$.
Here are two other ways to represent that fraction:
Answers will vary.

Goal #3
A: B:
C: D:

Goal #4
Represent the fractions on the number line:

Compare the fractions using > or <:
 $\frac{2}{10} < \frac{9}{10}$ $\frac{5}{10} < \frac{4}{10}$
Represent one of the fractions as a picture:
Answers will vary.

ANSWER KEY

Goal #7
Represent the Fractions:

Use red to circle the fraction that is the greatest. Use blue to circle the fraction that is the least.
Write an answer sentence:
There is one-third of the distance left to walk.

Goal #8
Show your work:

Write an answer sentence:
There is one-third of the distance left to walk.

Goal #9
The ● represents $\frac{2}{10}$.
Here are two other ways to represent that fraction:
Answers will vary.

Goal #10
Fill in the missing fractions:

Write the word form of each fraction:
one-fourth
three-fourths

Goal #11
Represent the fractions on the number line:

Compare the fractions using > or <:
 $\frac{1}{2} > \frac{3}{4}$

ANSWER KEY

Goal #12
Write the fraction. Write the word form.

 $\frac{1}{5}$ - one-fifth
 $\frac{3}{5}$ - three-fifths
 $\frac{4}{5}$ - four-fifths

Goal #13
Show your work:

Write an answer sentence:
 $\frac{2}{6}$ of the socks are wearing black and red shirts.

Goal #14
The ★ represents $\frac{3}{4}$.
Here are two other ways to represent that fraction:
Answers will vary.

Goal #15
Fill in the missing fractions:

Write the word form of each fraction:
one-fourth
three-fourths

Goal #16
Shade the fractions on the number line:

A: C:
B: D:

ANSWER KEY

Goal #19
Write the fraction. Write the word form.

 $\frac{4}{6}$ - four-sixths
 $\frac{3}{6}$ - three-sixths
 $\frac{1}{6}$ - one-sixth

Goal #20
Show your work:

Write an answer sentence:
She has walked two-fourths of the pictures.

Goal #21
The ★ represents two-sixths.
Here are two other ways to represent that fraction:
Answers will vary.

Goal #22
What fractions are represented by the triangle, diamond, and circle on the number line?

 $\frac{1}{4}$ $\frac{1}{2}$ $\frac{3}{4}$

Goal #23
Shade in the pictures to represent each fraction on the number line. Then compare them using > or <:

 $\frac{5}{6} > \frac{4}{6}$ $\frac{2}{6} < \frac{3}{6}$
Write the fractions in order from least to greatest:
 $\frac{2}{6}$ $\frac{3}{6}$ $\frac{4}{6}$ $\frac{5}{6}$