

FRACTIONS AND DECIMALS Task Cards

0.90
0.30
0.60
0.40

Fractions and Decimals Task Cards

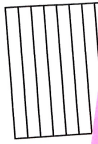
Fill in the blanks to create an equivalent fraction for each fraction.

$$\frac{9}{10} = \frac{\quad}{100} \qquad \frac{5}{10} = \frac{\quad}{100}$$

$$\frac{1}{10} = \frac{\quad}{100} \qquad \frac{8}{10} = \frac{\quad}{100}$$

Fractions and Decimals Task Cards

$$\frac{7}{10}$$



Fractions and Decimals Task Cards

Find a common denominator and then add these fractions.

$$\frac{2}{10} + \frac{75}{100} =$$

$$\frac{19}{100} + \frac{7}{10} =$$

Fractions and Decimals Task Cards Card #5

Represent each of these equivalent fractions on the fraction pictures. Then write each one in decimal form.

$$\frac{6}{10}$$



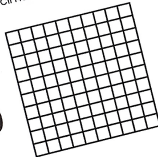
$$\frac{60}{100}$$



Fractions and Decimals Task Cards Card #4

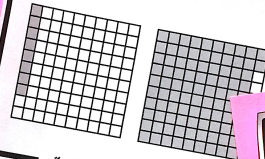
Shade the fraction pieces. Then write the decimal form.

$$\frac{62}{100}$$



Fractions and Decimals Task Cards Card #17

Write a fraction and a decimal for each of the pictures.



Fractions and Decimals Task Cards

Solve the problem. Write the answer in fraction and decimal form.

Trisha travels one kilometer. She runs four-tenths of the way and walks for the rest. Write a fraction and a decimal to show the distance that she walks.



Fractions and Decimals Task Cards Card #8

Order the fractions from least to greatest.

$$\frac{7}{10}$$

$$\frac{16}{100}$$

$$\frac{76}{100}$$

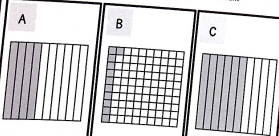
$$\frac{5}{100}$$

$$\frac{5}{10}$$

$$\frac{1}{10}$$

Fractions and Decimals Task Cards Card #1

Represent each picture in word form, as a fraction, and as a decimal.



Represent each of these equivalent fractions on the fraction pictures. Then write each one in decimal form.

$$\frac{4}{10}$$



$$\frac{40}{100}$$



Fractions and Decimals Task Cards Card #5

Order the decimals from least to greatest.

0.43

0.21

Created by Shelley Gray

About this Resource

This resource includes 24 task cards to help your students practice working with fractions and decimals. 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.

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!

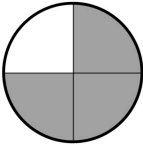
<http://shelleygrayteaching.com/>

This resource includes...

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

FRACTION

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


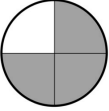
$$\frac{3}{4}$$


three-fourths

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

NUMERATOR


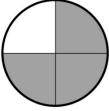
The **NUMERATOR** is the number on top. It represents the number of parts we have.

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



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

DECIMAL

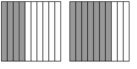



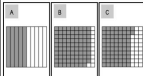
A **DECIMAL** is another way to express a part of a whole, such as tenths and hundredths.

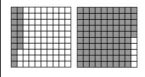
$$\frac{14}{100}$$

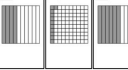


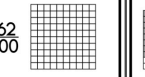
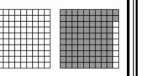
$$0.14$$



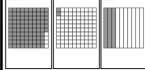
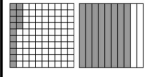
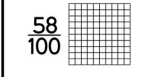
tenths hundredths

Twenty-four task cards to practice working with fractions and decimals in a variety of different ways:

Write a fraction and a decimal for each of the pictures. 	Shade the fraction pieces. Then write the decimal form. $\frac{7}{10}$ 
Fill in the blanks to create equivalent fractions. $\frac{9}{10} = \frac{6}{100}$ $\frac{1}{10} = \frac{8}{100}$	Represent each of these equivalent fractions on the fraction pictures. Then write each one in decimal form. $\frac{6}{10}$  $\frac{60}{100}$ 
Find a common denominator and then add these fractions. $\frac{2}{10} + \frac{75}{100} =$ $\frac{19}{100} + \frac{7}{10} =$	Represent each picture in word form, as a fraction, and as a decimal. 

Write these decimals on the number line. 0.90 0.30 0.60 0.40	Order the decimals from least to greatest. 0.43 0.21 0.20 0.56
Solve the problem. It rains two-thirds of an inch on Tuesday, and four-tenths of an inch on Wednesday. How much did it rain altogether? Write your answer in fraction and decimal form.	Convert the tenths to hundredths and complete the addition equation. Then write the equation in decimal form. $\frac{4}{10} + \frac{23}{100} = \square$
Write a fraction and a decimal for each of the pictures. 	Order the fractions from least to greatest. $\frac{2}{10}$ $\frac{67}{100}$ $\frac{5}{10}$ $\frac{34}{100}$ $\frac{4}{100}$ $\frac{3}{10}$

Solve the problem. Write the answer in fraction and decimal form. Triha travels one kilometer. She runs four-tenths of the way and walks for the rest. Write a fraction and a decimal to show the distance that she walks.	Represent each picture in word form, as a fraction, and as a decimal. 
Represent each of these equivalent fractions on the fraction pictures. Then write each one in decimal form. $\frac{4}{10}$  $\frac{40}{100}$ 	Order the fractions from least to greatest. $\frac{7}{10}$ $\frac{16}{100}$ $\frac{76}{100}$ $\frac{5}{100}$ $\frac{5}{10}$ $\frac{1}{10}$
Shade the fraction pieces. Then write the decimal form. $\frac{62}{100}$ 	Write a fraction and a decimal for each of the pictures. 

Represent each picture in word form, as a fraction, and as a decimal. 	Order these fractions from least to greatest. Then write each one as a decimal. $\frac{75}{100}$ $\frac{3}{10}$ $\frac{15}{100}$ $\frac{10}{10}$
Convert the tenths to hundredths and complete the addition equation. Then write the equation in decimal form. $\frac{1}{10} + \frac{77}{100} = \square$	Solve the problem. Maddy has 100 gummy bears. 32 of them are yellow. 50 of them are red. The rest are green. Write a fraction and a decimal for each color of gummy bear.
Write a fraction and a decimal for each of the pictures. 	Shade the fraction pieces. Then write the decimal form. $\frac{58}{100}$ 

Recording sheets to help students stay organized:

RECORDING SHEET - page 1

Grid #1: Grid #2: decimal form: _____

Grid #3: $\frac{9}{10} = \frac{90}{100}$ $\frac{5}{10} = \frac{50}{100}$
Grid #4: $\frac{1}{10} = \frac{10}{100}$ $\frac{8}{10} = \frac{80}{100}$

Grid #5: _____
Grid #6:

Word Form	Fraction	Decimal
A	four-tenths	$\frac{4}{10}$ 0.4
B	ninety-seven hundredths	$\frac{97}{100}$ 0.97
C	two-hundredths	$\frac{2}{100}$ 0.02
D	three-tenths	$\frac{3}{10}$ 0.3

ANSWER KEY

Grid #1: Grid #2: _____

Grid #3: Show your work:

Grid #4: $\frac{4}{10} + \frac{23}{100} = \square$
Write an answer sentence:

Grid #5:

Fraction	Decimal
$\frac{17}{100}$	0.17
$\frac{95}{100}$	0.95

Grid #6: _____

RECORDING SHEET - page 3

Grid #1: Show your work:

Grid #2:

Word Form	Fraction	Decimal
A	four-tenths	$\frac{4}{10}$ 0.4
B	ninety-seven hundredths	$\frac{97}{100}$ 0.97
C	two-hundredths	$\frac{2}{100}$ 0.02
D	three-tenths	$\frac{3}{10}$ 0.3

Grid #3: $\frac{4}{10}$ $\frac{40}{100}$

Grid #4: _____

Grid #5: $\frac{62}{100}$ Decimal form: _____

Grid #6:

Fraction	Decimal
$\frac{8}{100}$	0.08
$\frac{92}{100}$	0.92

RECORDING SHEET - page 4

Grid #1:

Word Form	Fraction	Decimal
A	four-tenths	$\frac{4}{10}$ 0.4
B	ninety-seven hundredths	$\frac{97}{100}$ 0.97
C	two-hundredths	$\frac{2}{100}$ 0.02
D	three-tenths	$\frac{3}{10}$ 0.3

Grid #2: $\frac{1}{10} + \frac{77}{100} = \square$

Grid #3:

Color of gummy bear	Fraction	Decimal
yellow		
red		
green		

Grid #4: $\frac{58}{100}$ decimal form: _____

Answer keys to make self-checking a breeze!

ANSWER KEY

Grid #1: $\frac{4}{10} = 0.4$ decimal form: 0.7

Grid #2: $\frac{7}{10} = 0.7$

Grid #3: $\frac{9}{10} = \frac{90}{100}$ $\frac{5}{10} = \frac{50}{100}$
Grid #4: $\frac{1}{10} = \frac{10}{100}$ $\frac{8}{10} = \frac{80}{100}$

Grid #5: $\frac{20}{100} + \frac{75}{100} = \frac{95}{100}$
 $\frac{19}{100} + \frac{70}{100} = \frac{89}{100}$

Grid #6:

Word Form	Fraction	Decimal
A	four-tenths	$\frac{4}{10}$ 0.4
B	ninety-seven hundredths	$\frac{97}{100}$ 0.97
C	two-hundredths	$\frac{2}{100}$ 0.02
D	three-tenths	$\frac{3}{10}$ 0.3

RECORDING SHEET - page 2

Grid #1: Grid #2: _____

Grid #3: Show your work:
 $\frac{2}{10} + \frac{4}{10} = \frac{6}{10}$
Write an answer sentence:
Altogether it rained $\frac{6}{10}$ or 0.6 inches.

Grid #4: $\frac{4}{10} + \frac{23}{100} = \square$
 $\frac{40}{100} + \frac{23}{100} = \frac{63}{100}$

Grid #5:

Fraction	Decimal
$\frac{2}{10}$	$\frac{3}{10}$ $\frac{34}{100}$
$\frac{4}{100}$	$\frac{5}{10}$ $\frac{67}{100}$

Grid #6: _____

ANSWER KEY

Grid #1: Show your work:
 $\frac{10}{10} - \frac{4}{10} = \frac{6}{10}$
Write an answer sentence:
Trisha walks 0.6 or $\frac{6}{10}$ of the kilometer.

Grid #2: $\frac{4}{10} = 0.4$ $\frac{40}{100} = 0.40$

Grid #3: $\frac{5}{100} + \frac{1}{10} = \frac{16}{100}$
 $\frac{5}{10} + \frac{7}{10} = \frac{76}{100}$

Grid #4: $\frac{62}{100}$ Decimal form: 0.62

Grid #5:

Fraction	Decimal
$\frac{8}{100}$	0.08
$\frac{92}{100}$	0.92

ANSWER KEY

Grid #1:

Word Form	Fraction	Decimal
A	four-tenths	$\frac{4}{10}$ 0.4
B	ninety-seven hundredths	$\frac{97}{100}$ 0.97
C	two-hundredths	$\frac{2}{100}$ 0.02
D	three-tenths	$\frac{3}{10}$ 0.3

Grid #2: $\frac{15}{100} + \frac{3}{10} = \frac{75}{100} + \frac{30}{100} = \frac{105}{100}$
 $0.5 + 0.3 = 0.75 + 0.3 = 1.05$

Grid #3: $\frac{1}{10} + \frac{77}{100} = \square$

Grid #4:

Color of gummy bear	Fraction	Decimal
yellow	$\frac{32}{100}$	0.32
red	$\frac{50}{100}$	0.5
green	$\frac{18}{100}$	0.18

Grid #5: $\frac{10}{100} + \frac{77}{100} = \frac{87}{100}$

Grid #6: $\frac{58}{100}$ decimal form: 0.58