

# DECIMAL

# WORKSHEETS

# Thousandths

**SHELLEY GRAY**

**Working With Decimals: Thousandths**  
Shade the model. Then complete the rest of the table.

	WORD FORM	DECIMAL	FRACTIONS		
		0.1	$\frac{\quad}{10}$	$\frac{\quad}{100}$	$\frac{\quad}{1000}$
	twenty-four hundredths				
	three-tenths		$\frac{\quad}{100}$	$\frac{\quad}{1000}$	
		0.48	$\frac{\quad}{10}$	$\frac{\quad}{100}$	$\frac{\quad}{1000}$
			$\frac{\quad}{100}$	$\frac{\quad}{1000}$	

**Working With Decimals: Thousandths**  
How many thousandths does each model represent? Write the decimal for each.

Find the difference.

$$\begin{array}{r} 0.913 \\ -0.446 \\ \hline \end{array}$$
$$\begin{array}{r} 0.579 \\ -0.41 \\ \hline \end{array}$$
$$\begin{array}{r} 0.72 \\ -0.315 \\ \hline \end{array}$$

What does the underlined digit represent in each?

1)  $0.429 =$  \_\_\_\_\_ 6)  $0.92$   
7)  $0.1$

Looking for some

*engaging*

worksheets to work with decimal numbers?

These Decimal Worksheets can be used as an independent or small group activity to help your students make connections between fractions & decimals.



### Working With Decimals: Thousandths

Complete the table for the shaded part of each model.

	WORD FORM	DECIMAL	FRACTION	CONVERT TO THOUSANDTHS (DECIMAL FORM)

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### Working With Decimals

Circle the decimals that are greater than  $\frac{3}{4}$ .

0.553    0.451  
0.38  
0.875    0.27

Show one-tenth

One-tenth is equivalent to  $\frac{1}{10}$ .

Show three-tenths

Three-tenths is equivalent to  $\frac{3}{10}$  hundredths.

Fill in the blanks to convert between tenths and hundredths.

Tenths → Hundredths

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### Working With Decimals: Thousandths

Use  $<$ ,  $>$ , or  $=$  to compare.

1) $0.785$ _____ $0.579$	6) $\frac{1}{2}$ _____ $0.845$	11) $0.363$ _____ $0.81$
2) $0.7$ _____ $0.506$	7) $0.805$ _____ $0.173$	12) $0.427$ _____ $\frac{1}{4}$
3) $0.83$ _____ $0.861$	8) $0.372$ _____ $\frac{3}{4}$	13) $0.52$ _____ $0.628$
4) $\frac{1}{4}$ _____ $0.44$	9) $0.522$ _____ $0.2$	14) $0.377$ _____ $0.4$
	10) $0.341$ _____ $0.81$	15) $0.55$ _____ $\frac{1}{2}$

$\begin{array}{r} 0.537 \\ + 0.225 \\ \hline \end{array}$	$\begin{array}{r} 0.989 \\ + 0.9 \\ \hline \end{array}$	$\begin{array}{r} 0.3 \\ + 0.146 \\ \hline \end{array}$
$\begin{array}{r} .652 \\ .98 \\ \hline \end{array}$	$\begin{array}{r} 0.85 \\ + 0.13 \\ \hline \end{array}$	$\begin{array}{r} 0.301 \\ + 0.57 \\ \hline \end{array}$

group of coins represent?

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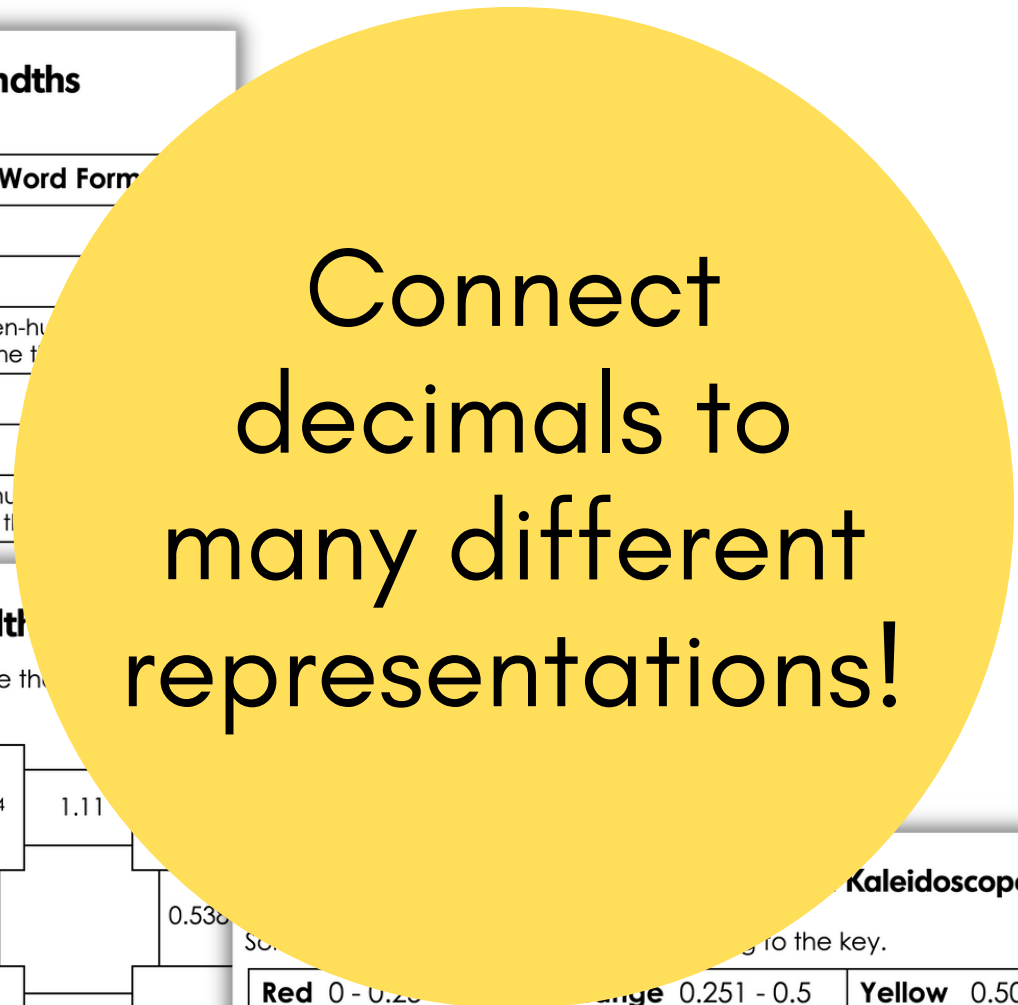
1) $0.9 =$ _____ $= 0.900$	6) _____ $= 0.40 = 0.400$	11) $1.8 = 1.80 =$ _____
2) _____ $= 0.80 = 0.800$	7) $0.3 = 0.30 =$ _____	12) $1.1 =$ _____ $= 1.100$
3) $0.7 = 0.70 =$ _____	8) $0.2 =$ _____ $= 0.200$	13) _____ $= 1.20 = 1.200$
4) $0.6 =$ _____ $= 0.600$	9) _____ $= 0.10 = 0.100$	14) $1.7 = 1.70 =$ _____
5) _____ $= 0.50 = 0.500$	10) $1.9 =$ _____ $= 1.900$	15) $1.3 = 1.30 =$ _____

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This set includes

# 10 worksheets

created to help your students connect decimals to fractions, money, visual models, and more!



### Working With Decimals: Thousandths

Complete the table below.

Fraction	Decimal	Word Form
	0.251	
$\frac{3}{4}$		seven-hundred ninety
	0.88	
$\frac{1}{2}$		nine-hundred

What fraction does each decimal represent?

- 0.827 =  $\frac{\quad}{\quad}$
- 0.672 =  $\frac{\quad}{\quad}$
- 0.444 =  $\frac{\quad}{\quad}$
- 0.143 =  $\frac{\quad}{\quad}$
- 0.554 =  $\frac{\quad}{\quad}$
- 0.312 =  $\frac{\quad}{\quad}$

Order the decimals from least to greatest.

0.252, 0.41, 0.124

0.51, 0.5, 0.599

0.345, 0.95, 0.747

0.337, 0.919, 0.35

### Thousandths

Add to complete the number line.

**START**

0.156 + 0.3	0.456	0.27 + 0.84	1.11
0.159	0.75	0.538	
0.936 + 0.193	0.743	0.698 + 0.411	0.833
0.933 + 0.1			
1.129	1.109	1.033	
0.3 + 0.13	0.43	0.56 + 0.285	1.059
0.278 + 0.78			
0.17	0.845	0.445	
0.678 + 0.36	1.038	0.518 + 0.899	1.355
0.9 + 0.45			
0.318	1.417	0.482	
0.848 + 0.599	1.447	0.2 + 0.131	0.331
0.346 + 0.2			

### Kaleidoscope

Color the kaleidoscope according to the key.

<b>Red</b> 0 - 0.25	<b>Orange</b> 0.251 - 0.5	<b>Yellow</b> 0.501 - 0.75
<b>Green</b> 0.751 - 1.0	<b>Blue</b> 1.001 - 1.25	<b>Purple</b> 1.251 - 1.5

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# Looking for even more decimal activities?

Check out the full decimal bundle, complete with worksheets, puzzles, and task cards!



## DECIMAL Bundle

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11 DECIMALS Which decimal number do these coins represent?

Working With Decimals: Tenths Circle the decimal numbers that are greater than  $\frac{1}{2}$ . Underline the decimal numbers that are less than  $\frac{1}{2}$ .

Working With Decimals: Tenths Represent the shaded region as a fraction and a decimal.

10 DECIMALS What does the shaded part of this model represent? Write it as a fraction and a decimal.

65/100 0.65

sixty-five hundredths

.4 4/10 four-tenths

6) 0.5 = \_\_\_\_\_  
7) 0.2 = \_\_\_\_\_  
8) 1.2 = \_\_\_\_\_  
9) 1.3 = \_\_\_\_\_  
10) 1.8 = \_\_\_\_\_