

DECIMAL

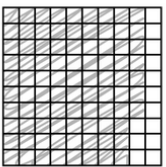
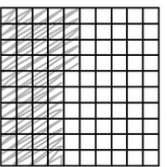
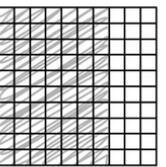
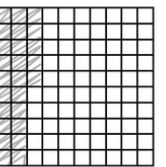
ACTIVITIES

Tenths and Hundredths

SHELLEY GRAY

Working With Decimals: Hundredths

Write the decimal **and** fraction represented by each shaded region.

			
<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>

Working With Decimals: Hundredths

Complete the table below.

Fraction	Decimal	Word
	0.34	
		eight
$\frac{3}{4}$		
	0.87	
$\frac{1}{4}$		
		fifty-two

What fraction does each decimal number represent?

- 1) $0.81 =$ 7) $0.4 =$

Find the difference.

$\begin{array}{r} 0.74 \\ - 0.21 \\ \hline \end{array}$	$\begin{array}{r} 0.87 \\ - 0.19 \\ \hline \end{array}$	$\begin{array}{r} 0.98 \\ - 0.54 \\ \hline \end{array}$	$\begin{array}{r} 0.72 \\ - 0.7 \\ \hline \end{array}$	$\begin{array}{r} 0.85 \\ - 0.29 \\ \hline \end{array}$
$\begin{array}{r} 0.95 \\ - 0.14 \\ \hline \end{array}$	$\begin{array}{r} 0.75 \\ - 0.5 \\ \hline \end{array}$	$\begin{array}{r} 0.6 \\ - 0.55 \\ \hline \end{array}$	$\begin{array}{r} 0.4 \\ - 0.16 \\ \hline \end{array}$	$\begin{array}{r} 0.38 \\ - 0.26 \\ \hline \end{array}$

What do the underlined digits represent in each number below?

Looking for a variety of

engaging

activities for decimal numbers?

Luckily, learning about decimals doesn't have to be boring! Take a look at the **huge variety** of fun decimal activities that are included in this bundle!



Find the value for each symbol.

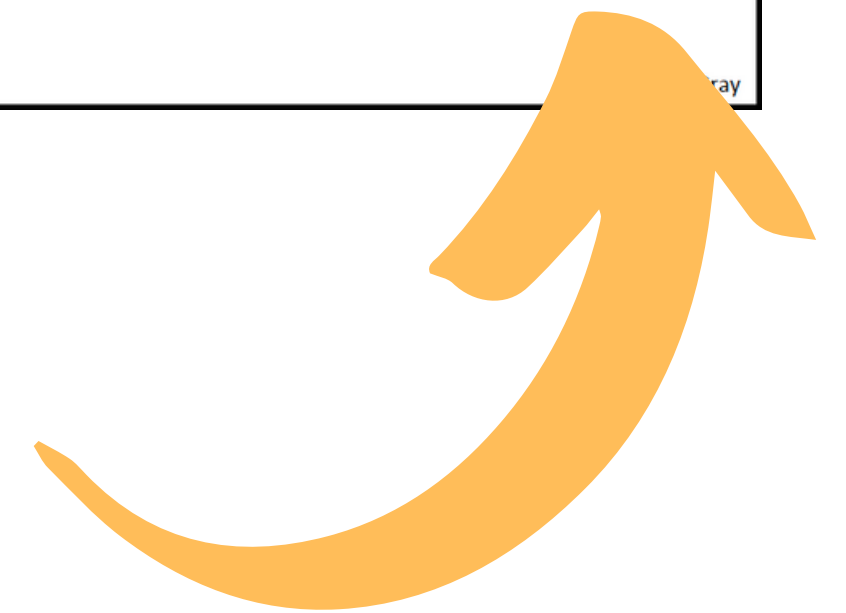
$$\text{Rocket} + \text{2 Rockets} = 1.5$$
$$\text{Astronaut} + \text{2 Astronauts} = 6.2$$
$$\text{UFO} - \text{Astronaut} = 16$$

Find the value for each symbol.

$$\text{Book} - \text{Child Reading} = 2.1$$
$$\text{Child Reading} + \text{Child Reading} = 8.4$$
$$\text{Child Reading} + \text{Books} = 4.9$$

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Logic Puzzles to incorporate critical and algebraic thinking! Your students will love this challenge!



MYSTERY NUMBER #1

USE THE CLUES TO ELIMINATE NUMBERS.



Clue #1: I have an odd digit and an even digit.

Clue #2: The digit in my tenths place is less than the digit in my hundredths place.

Clue #3: I am between zero and one-half.

Clue #4: My tenths digit is a factor of 8.

Clue #5: I am worth one quarter

Use the X to eliminate the numbers.



0.56 0.81

0.23 0.26

MYSTERY NUMBER #3

Use the clues to eliminate numbers:

Clue #1: I have two digits after my decimal.

Clue #2: I am more than 0.1 but less than 0.4.

Clue #3: Both of my digits are odd numbers.

Clue #4: The digit in my tenths place is closer to 0 than my other digit.

Clue #5: I am closer to 0.2 than I am to 0.3.

0.25 0.55 0.35 0.16 0.45

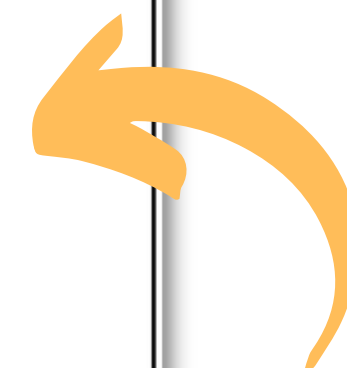
0.22 0.19 0.11 0.14

DECIMALS

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Find the difference.

$$0.9 - 0.4$$



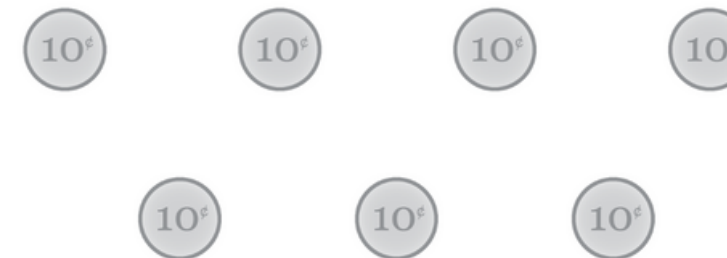
Task cards for tenths and hundredths

Find the sum.

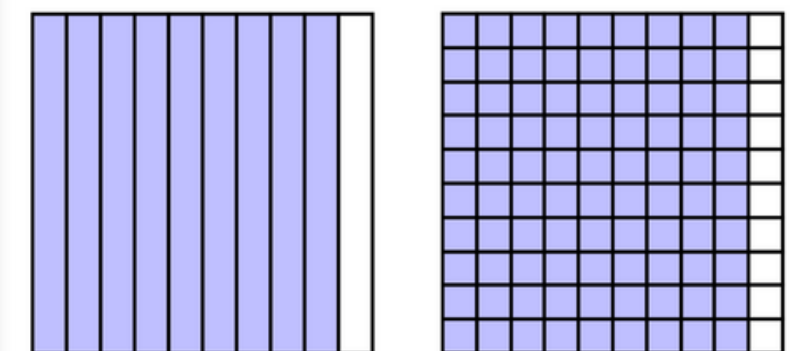
$$0.73 + 0.26$$

DECIMALS

Which decimal number do these coins represent?



How are these models the same? How are they different?



Mystery numbers to reinforce decimal vocabulary and place value concepts



Working With Decimals: Hundredths

Fill in the blanks.

Convert the hundredths to tenths.

- 3 tenths and 4 hundredths = _____ hundredths
- _____ tenths and _____ hundredths = 47 hundredths
- 2 tenths = _____ hundredths
- _____ tenths = 60 hundredths
- 5 tenths and 1 hundredth = _____ hundredths
- _____ tenths and _____ hundredths = 96 hundredths
- 8 tenths and 3 hundredths = _____ hundredths

Hundredths → Tenths

- 0.90 = _____
- 0.70 = _____
- 0.50 = _____

Working With Decimals: Hundredths

Represent each model with a decimal.

Underline the decimal numbers that are less than $\frac{3}{4}$.

Circle the decimal numbers that are greater than $\frac{1}{4}$.

0.63 0.11 0.25 0.77
0.7 0.48 0.32
0.96 0 0.84 0.5

0.67 0.18 0.2 0.73
1.0 0.49 0.31

Working With Decimals: Hundredths

Complete the table below.

Fraction	Decimal	
	0.34	
$\frac{3}{4}$		
	0.87	
$\frac{1}{4}$		fifty

What fraction does each decimal number represent?

- | | |
|-----------------|------------------|
| 1) 0.81 = _____ | 7) 0.4 = _____ |
| 2) 0.24 = _____ | 8) 0.7 = _____ |
| 3) 0.49 = _____ | 9) 0.26 = _____ |
| 4) 0.2 = _____ | 10) 0.19 = _____ |
| 5) 0.32 = _____ | 11) 0.75 = _____ |
| 6) 0.8 = _____ | 12) 0.96 = _____ |

Order the decimals.

Least to Greatest

0.15, 0.1, 0.94 _____
0.73, 0.81, 0.48 _____
0.5, 0.62, 0.14 _____

Greatest to Least

0.86, 0.16, 0.6 _____
0.77, 0.19, 0.9 _____
0.18, 0.96, 0.36 _____

Working With Decimals: Hundredths

Use the price list to solve each problem.



\$2.59 \$1.53 \$2.65 \$4.36 \$3.74

Annette has \$5.00. What are two possible toy combinations your work.

Karen has \$4.00. Which toy could she purchase that would be a good change?

Morgan has \$9. If he buys two tricycles, how much money would he have left?

How much more is the teddy bear than the shovel and bucket?

Order the costs of the toys from most expensive to least expensive.

Decimal Addition and Subtraction Kaleidoscope

Solve each equation and shade according to the key.

Red 0 - 0.29	Orange 0.3 - 0.59	Yellow 0.6 - 0.89
Green 0.9 - 1.19	Blue 1.2 - 1.49	Purple 1.5 - 1.79

1.83 - 0.22 =

1.5 - 1.47 =

0.09 + 0.2 =

1.49 - 0.9 =

0.34 + 0.1 =

1.98 - 0.7 =

0.49 + 0.35 =

0.47 + 0.79 =

1.45 - 0.25 =

0.17 + 0.1 =

0.83 + 0.49 =

0.8 + 0.38 =

0.66 + 0.91 =

1.91 - 1.05 =

1.45 - 1.07 =

0.3 - 0.15 =

0.17 + 0.78 =

0.17 + 0.19 =

0.95 + 0.49 =

1.84 - 0.31 =

0.15 + 0.56 =

1.15 - 0.45 =

1.01 + 0.77 =

0.87 + 0.15 =

1.87 - 1.24 =

1.11 - 1 =

1.84 - 0.31 =

0.15 + 0.56 =

1.23 - 1.03 =

0.51 + 0.11 =

1.88 - 0.6 =

0.8 + 0.1 =

1.11 - 1 =

1.84 - 0.31 =

0.15 + 0.56 =

1.74 - 0.42 =

0.51 + 0.11 =

1.18 - 0.38 =

0.31 + 0.58 =

0.52 + 0.25 =

1.99 - 1.82 =

1.45 - 0.25 =

1.23 + 0.37 =

1.34 + 0.12 =

1.86 - 0.24 =

0.92 - 0.7 =

0.25 - 0.16 =

0.52 - 0.36 =

0.81 + 0.15 =

1.11 + 0.64 =

1.54 - 0.71 =

0.16 + 0.15 =

1.66 + 0.11 =

0.7 + 0.33 =

1.87 - 0.37 =

0.27 + 1.14 =

1.11 - 0.55 =

1.3 - 0.13 =

1.6 - 0.9 =

0.74 =

0.32 =

1.57 - 0.99 =

800 + 2 =

6 - 1.28 =

1.11 - 0.55 =

1.3 - 0.13 =

1.6 - 0.9 =

0.74 =

0.32 =

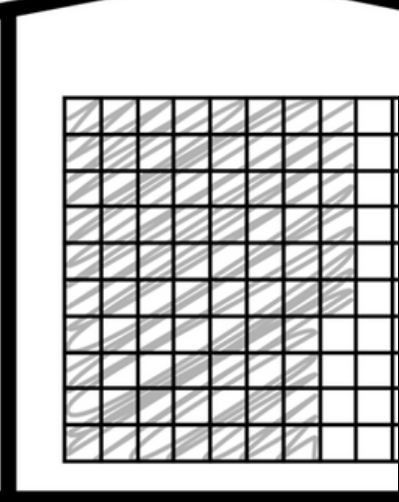
3 + 0.18 =

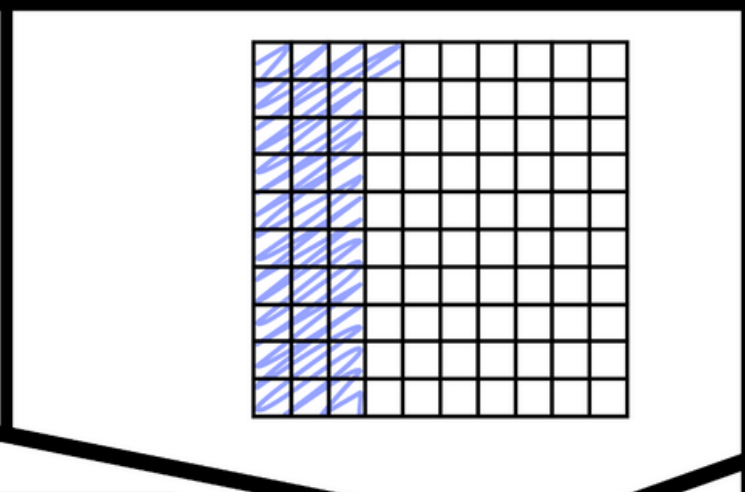
800 + 2 =

Seventy-six hundredths

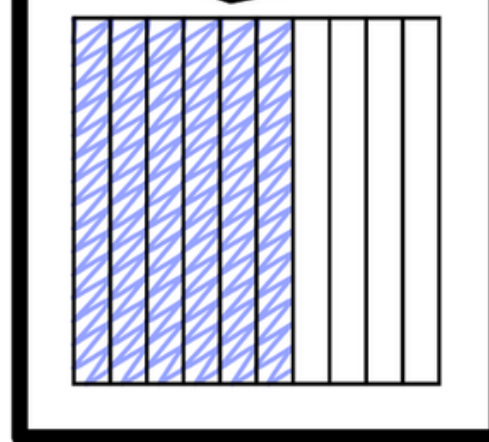
Decimal Puzzles

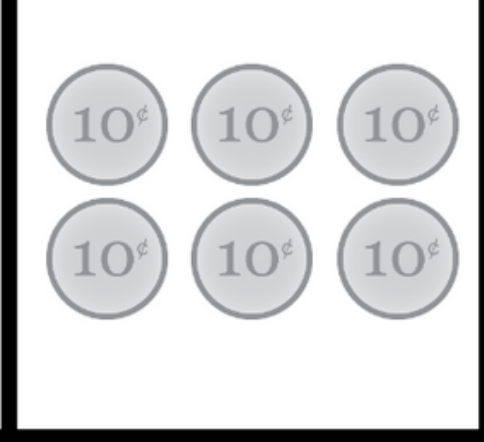
0.76



$$\frac{31}{100}$$


0.6



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


six-tenths

thirty-one hundredths

and more!