

Y5 Holiday Homework

Understand Thousandths

1a. Circle the odd one out.

$$\frac{637}{1000}$$

0.673

$$\frac{673}{1000}$$

Explain your reasoning.



2a. Use the digit cards to complete the place value grid in 3 different ways.

5

4

9

ones	tenths	hundredths	thousandths
0			

Write the matching fraction for each one.

--	--	--

1000



3a. Match the children to their numbers.



Sasha

My number has 7 tenths, 8 hundredths and 2 thousandths.



Luke

My number has 8 tenths, 2 hundredths and 7 thousandths.

A = 0.827

B = 0.782



Understand Thousandths

1b. Circle the odd one out.

$$\frac{298}{1000}$$

0.298

$$\frac{289}{1000}$$

Explain your reasoning.



2b. Use the digit cards to complete the place value grid in 3 different ways.

3

6

1

ones	tenths	hundredths	thousandths
0			

Write the matching fraction for each one.

--	--	--

1000



3b. Match the children to their numbers.



Jason

My number has 4 tenths, 5 hundredths and 3 thousandths.



Freya

My number has 5 tenths, 3 hundredths and 4 thousandths.

A = 0.534

B = 0.453



Developing

Understand Thousandths

4a. Circle the odd one out.

$$\frac{405}{1000} \quad \frac{45}{1000}$$

0.045 0.45 0.405

Explain your reasoning.

Understand Thousandths

4b. Circle the odd one out.

$$\frac{37}{1000} \quad \frac{370}{1000}$$

0.037 0.307 0.37

Explain your reasoning.

5a. Use the digit cards to complete the statement below in 3 different ways.

Each card can be used more than once.

6 0 2 4 7

= 0.

1000

5b. Use the digit cards to complete the statement below in 3 different ways.


Each card can be used more than once.


0 8 1 9 5


= 0.

1000

6a. Match the children to their numbers.


 My number has 0 tenths, 3 hundredths and 5 thousandths.


 My number has 0 tenths, 5 hundredths and 3 thousandths.


 My number has 5 tenths, 0 hundredths and 3 thousandths.

A = 0.053 B = 0.503 C = 0.035

6b. Match the children to their numbers.

 My number has 6 tenths, 0 hundredths and 2 thousandths.

 My number has 2 tenths, 0 hundredths and 6 thousandths.

 My number has 0 tenths, 2 hundredths and 6 thousandths.

A = 0.602 B = 0.026 C = 0.206

Expected

Understand Thousandths

7a. Circle the odd one out.

$$\frac{7302}{1000} \quad 7 \frac{32}{1000}$$

7.032 7.302 7.32

Explain your reasoning.



Understand Thousandths

7b. Circle the odd one out.

$$\frac{5096}{1000} \quad 5 \frac{960}{1000}$$

5.96 5.906 5.096

Explain your reasoning.



8a. Use the digit cards to complete the statement below in 3 different ways.

Each card can be used more than once.

3 9 0 6 4

$$\frac{\square\square\square\square}{1000} = \square.\square\square\square$$



8b. Use the digit cards to complete the statement below in 3 different ways.

Each card can be used more than once.

2 7 0 8 1

$$\frac{\square\square\square\square}{1000} = \square.\square\square\square$$



9a. Match the children to their numbers.



Alina

My number has the same number of ones and hundredths.



Josh

My number is equal to $6 \frac{426}{1000}$.



Ella

My number has 6 ones, 2 tenths, 6 hundredths and 4 thousandths.

A = 6.264 B = 6.462 C = 6.426



9b. Match the children to their numbers.



Liam

My number has an odd number of thousandths.



Kelis

My number is equal to $5 \frac{831}{1000}$.



Dan

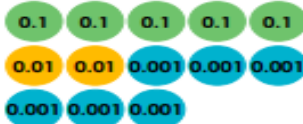
My number has 5 ones, 3 tenths, 1 hundredth and 8 thousandths.

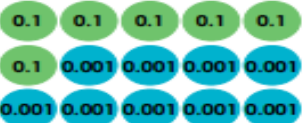
A = 5.831 B = 5.318 C = 5.803



Understand Thousandths

1. Write these decimal numbers as fractions.

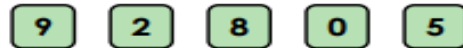
A.  =

B.  =

VF

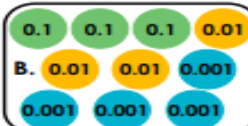
4. Use the digit cards to complete the statement below in 3 different ways.

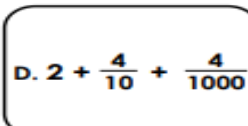
Each card can be used more than once.

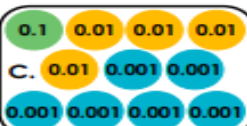

 = 0.
 1000

PS

2. Circle the numbers which have four thousandths.

A. $2 + \frac{2}{10} + \frac{41}{1000}$ 

B. 

C. 

D. $2 + \frac{4}{10} + \frac{4}{1000}$

VF

5. Circle the odd one out.

$\frac{560}{1000}$ $\frac{506}{1000}$
 0.56 0.506 0.056

Explain your reasoning.


R


3. Match the decimal numbers to the equivalent fractions.

A. 0.28	1. $\frac{208}{1000}$
B. 0.028	2. $\frac{280}{1000}$
C. 0.208	3. $\frac{28}{1000}$

VF

6. Fred and Chloe are describing their decimal numbers.

 My number has 2 ones, 0 tenths, 5 hundredths and an odd number of thousandths.

 My number has 0 ones, 7 tenths, less than 4 hundredths and an even number of thousandths.

Find two possibilities for each child.

PS

Challenging