

Name

Number and Operations in Base Ten

5.NBT.1, 5.NBT.3, 5.NBT.3a

Lesson 5

Hands On:
Understand
Place Value

MY Homework

Homework Helper

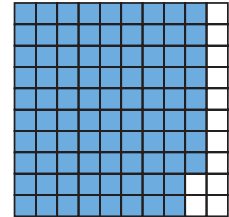


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- 1 The model shows a decimal. Write the decimal.

Word form: *eighty-eight hundredths*

Standard form: 0.88



- 2 Write the decimal in the place-value chart.

Tens	Ones	Tenths	Hundredths	Thousandths
	0	8	8	

- 3 The value of the digit 8 in the tenths place is 0.8.

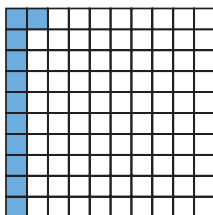
The value of the digit 8 in the hundredths place is 0.08.

The value of the digit 8 in the tenths place is 10 times as much as the value of the digit 8 in the hundredths place.

The value of the digit 8 in the hundredths place is $\frac{1}{10}$ times as much as the value of the digit 8 in the tenths place.

Practice

1. Use the model to write a decimal in standard form and word form. Then complete the sentence.

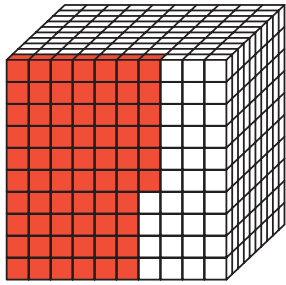


The value of the digit in the hundredths place is

$\frac{1}{10}$ times as much as the digit in the tenths place.

0.11; eleven hundredths

2. Use the model to write a decimal in standard form and word form. Then complete the sentence.



The value of the digit in the thousandths place is $\frac{1}{10}$ times as much as the digit in the hundredths place.

0.066; sixty-six thousandths



Problem Solving

3. Michael bought 0.44 pound of sliced turkey. What is the value of the digit in the hundredths place?

0.04

The value of the digit in the hundredths place is how many times as much as the value of the digit in the tenths place?

$\frac{1}{10}$

4. A small piece of metal weighs 0.77 gram. What is the value of the digit in the tenths place?

0.7

The digit in the tenths place is how many times as much as the value of the digit in the hundredths place?

10

5. **Mathematical PRACTICE 2** Use Number Sense Write a decimal where the value of a digit is $\frac{1}{10}$ as much as a digit in another place.

Sample answer: 0.22