Unit 2 Learning Targets

Example Problems

5.NBT.1 I can determine that a digit represents 10 times what it would be in the place value to its right and 1/10 what it would be in the place value to its left.

How does the number 0.04 relate to the number 0.4?

What number is 10 times 2.56?

5.NBT.2 I can understand the relationships between the number of zeros in product when multiplying numbers by powers of 10's.

 I can understand the relationships between the placement of the decimal point when a number is multiplied or divided by a power of 10.

I can use whole-number exponents to show powers of 10.

What does 10,000 look like if I write it as a power of 10?

What is another way to show $10^{6}$?

$534 × 10^{3}$ =

$8.6 × 10^{4}$ =

$498.7 ÷ 10^{3}$ =

5.NBT.3 I can read and write decimals including base-ten numerals, number names, and expanded form.

I can compare decimals to the thousandths using >, <, and =.

Complete the table below:

|  |  |  |
| --- | --- | --- |
| Standards | Words | Expanded |
| 345.43 |  |  |
|  |  | 50+3+.03 |
|  | Three hundred thirty-four and six thousandths |  |

Compare the following decimals using >, <, =

$$34.56 34.056$$

$$4.07 4.7$$

5.NBT.4 I can round decimals to any place.

Round the following numbers to 0.01

3.456 \_\_\_\_\_\_\_\_\_\_\_\_\_

45.682 \_\_\_\_\_\_\_\_\_\_\_\_\_