

Generalize place value understanding for multi-digit whole numbers by analyzing patterns, writing whole numbers in a variety of ways, making comparisons, and rounding (Standards 4.NBT.1–3).

Standard 4.NBT.1 Recognize that in a multi-digit whole number, a digit in one place represents ten times what it represents in the place to its right. For example, recognize that $700 \div 70 = 10$ by applying concepts of place value and division.

Please Note: Expectations in this strand are limited to whole numbers less than or equal to 1,000,000.

Key Elements: Each place value is 10 times greater than the place to its immediate right.

Base Ten Model - Place each numeral in corresponding box to show value of each digit. An example of this is below:

Hundreds	Tens	Ones
5	0	4

The value of the 5 is 5 hundreds or 500 .

The value of the 0 is 0 tens or 00 .

The value of the 4 is 4 ones or 4 .

 5 hundreds 0 tens 4 ones.

10 Times Greater than the Place to the Immediate Right - Identify the value of the digits and place in the table according to its place value. Students will look at each digit and identify the difference in value from one digit to another.

888,888

Thousands			Ones		
Hundred	Ten	One	Hundred	Tens	Ones
8	8	8,	8	8	8



10X Greater 10X Greater 10X Greater 10X Greater 10X Greater

Example:

$80,000 \times 10 =$	$8,000 \times 10 =$	$800 \times 10 =$	$80 \times 10 =$	$8 \times 10 =$	$8 \times 1 =$
$8 \times 100,000 =$	$8 \times 10,000 =$	$8 \times 1,000 =$	$8 \times 100 =$		
800,000	80,000	8,000	800	80	8

