

## Place X Value = The Place Value

$\frac{1}{10}$  Smaller per place  $\longrightarrow$

$\longleftarrow$  10 X Greater per place

Place	Hundred thousands Place	Ten Thousands Place	Thousands Place	Hundreds Place	Tens Place	Ones Place
Value	1	2	1,	3	9	7
Place Value	100,000	20,000	1,000	300	90	7

Say this number: "One hundred and twenty-one thousand, three hundred and ninety-seven"

How many 10,000s in 590,000? Answer: 59

590,000  
10,000

How many 100s in 470,000? Answer: 4,700

470,000  
100

X 10 X 10 X 10  
123,197

The digit in the hundred thousands place is 1,000 times greater than the digit in the hundreds place ( $10 \times 10 \times 10 = 1000$ ).

$\frac{1}{10}$  Smaller per place  $\longrightarrow$

$$1 \times \frac{1}{10} = \frac{1}{10}$$

$$1 \times \frac{1}{10} \times \frac{1}{10} = \frac{1}{100}$$

$$1 \times \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} = \frac{1}{1,000}$$

$$1 \times \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} = \frac{1}{10,000}$$

$$1 \times \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} = \frac{1}{100,000}$$

$\longleftarrow$  10 X Greater per place

$$1 \times 10 = 10$$

$$1 \times 10 \times 10 = 100$$

$$1 \times 10 \times 10 \times 10 = 1,000$$

$$1 \times 10 \times 10 \times 10 \times 10 = 10,000$$

$$1 \times 10 \times 10 \times 10 \times 10 \times 10 = 100,000$$

X  $\frac{1}{10}$  X  $\frac{1}{10}$   
469,191

The digit in the tens place is  $\frac{1}{100}$  the size of the digit in the thousands place. ( $\frac{1}{10} \times \frac{1}{10} = \frac{1}{100}$ )