

# 4<sup>th</sup> Grade Understand Place Value

Place Value is the value of a digit, or amount the digit is worth, based on its position in a number.

The place-value chart can be used to help understand the value of each digit. Example: 37,219

Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones
	3	7	2	1	9

The 3 has a value of 3 ten-thousands or 30,000.

The 7 has a value of 7 thousands, or 7,000.

The 2 has a value of 2 hundreds or 200.

The 1 has a value of 1 ten, or 10

The 9 has a value of 9 ones, or 9

How are place values related to one another?

5,555

Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones
		5	5	5	5

The 5 in the tens place has a value of 50.

That is 10 times the value of the 5 in the ones place.  $50 = 10 \times 5$

The 5 in the hundreds place has a value of 500.

That is 10 times the value of the 5 in the tens place.  $500 = 10 \times 50$

The 5 in the thousands place has a value of 5,000.

That is 10 times the value of the 5 in the hundreds place.

$$5,000 = 10 \times 500.$$