PLACE VALUE

What Is Place Value?

In our decimal number system, the value of a digit depends on its place, or position, in the number.

Beginning with the ones place at the right, each place value is multiplied by increasing powers of 10.

How to Figure Out Place Value:

In a four-digit number, the first digit is placed in the thousands place, the second _____ the tens place, and

Ten Thousand				Ones
10,000				1

Example:

In the number **1,532**, 1 is in the **thousands** place, 5 is in the **hundreds** place, the 3 is in the **tens** place, and 2 is in the **ones** place.

1 thousand = 1,000
5 hundreds = 500
3 tens = 30
2 ones = 2
1,000 +500 +30 + 2 = 1,532

Try This!

In each of these numbers, what value does the digit 5 have?

3, 587 _____

15, 980 _____

In each of these numbers, what is the place of the 4?

476 _____

246, 900 _____