**Must Know Vocabulary**

* **Place Value**: the value of a digit in a number, based on the location of the digit

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Hundred Thousands | Ten  Thousands | Thousands | Hundred | Tens | Ones |
| 8 | 9 | 4, | 6 | 1 | 3 |
| 8 hundred thousands | 9 ten Thousands | 4 Thousands | 6 hundred | 1 ten | 3 ones |
| 800,000 | 90,000 | 4,000 | 600 | 10 | 3 |

* **Period**: a group of 3 digits separated by commas in a multi-digit number

Period Period Period

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Millions, | | | Thousands, | | | Ones | | |
| Hundreds | Tens | Ones, | Hundreds | Tens | Ones, | Hundreds | Tens | Ones |

* **3 Forms of Writing Numbers**
  + **Standard Form**
    - 354, 973
    - a number written with one digit for each place value
  + **Word Form**
    - three hundred fifty-four thousand, nine hundred seventy-three
    - a number written using words
  + **Expanded Form**
    - 300,000 + 50,000 + 4,000 + 900 + 70 + 3
    - A way to write numbers that shows the place value of each number
* **Estimate**: a number close to an exact amount
* **Round**: to replace a number with another number that tells about how many or how much