Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_

**Scientific Notation Scavenger Hunt**

Directions: Use the links below to look online for really big and really small numbers. Click on the link and write the standard number for each item listed. Then, convert the standard number into scientific notation.

|  |  |  |
| --- | --- | --- |
| Item | Standard Notation  (regular number) | Scientific Notation |
| What is the height of [Mount Everest](http://www.britannica.com/topic/height-1673089) in feet? |  |  |
| What is [Jupiter’s](http://space-facts.com/jupiter/) mass in kilograms? |  |  |
| How much water is in the [ocean](http://oceanservice.noaa.gov/facts/oceanwater.html) (in cubic kilometers?) |  |  |
| What is the population of the [world](http://www.census.gov/popclock/) right now? |  |  |
| How much [bacteria](http://info.debgroup.com/blog/bid/290652/Your-Mobile-Phone-Is-Dirtier-Than-You-Think) is on each square inch of your cell phone? |  |  |
| What is a good estimate for the number of [cells](http://www.kidsdiscover.com/shop/issues/cells-for-kids/) in our bodies? |  |  |