Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_\_

**Homework, Tuesday April 2nd**

**Order the numbers from least to greatest and complete the 5 word problems.**

**\*On front and back\***

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| --- | --- | --- | --- |
| 1) 5.2 X 106  5.6 X 106  1.2 X 107  8.2 X 105  In order: | 2) 47 X 107  4.6 X 108  4.9 X 106  4 X 107  In order: | 3) 3.5 X 102  7.3 X 101  8.1 X 108  6.2 X 105  In order: | 4) 73 X 104  81 X 105  6.1 X 105  5.8 X 108  In order: |
| 5) 3.9 X 103  2.8 X 103  4.3 X 103  1.8 X 103  In order: | 6) 5.3 X 108  6.9 X 107  7.5 X 105  8 X 106  In order: | 7) 9.0 X 1010  8.0 X 1011  8.8 X 1011  9.2 X 1010  In order: | 8) 6.2 X 102  8.7 X 105  3.5 X 108  7.9 X 105  In order: |
| 9) 5.8 X 10-4  5.8 X 10-5  4.8 X 10-4  3.9 X 10-3  In order: | 10) 6.4 X 10-1  9.1 X 100  2.8 X 10-2  3.5 X 10-1  In order: | 11) 7.6 X 10-8  4.5 X 10-7  8.2 X 10-8  6.9 X 10-7  In order: | 12) 9.3 X 10-4  1.2 X 104  6.6 X 10-3  8.1 X 102  In order: |
| 13) 1.3 X 10-9  5.5 X 10-8  4.3 X 10-7  2.9 X 10-8  In order : | 14) 7.5 X 10-9  8.1 X 10-10  7.7 X 10-8  8.4 X 10-9  In order: | 15) 3.6 X 10-3  37 X 10-5  3.1 X 10-4  3.5 X 10-3  In order: | 16) 9.3 X 10-5  9.5 X 10-8  98 X 10-7  93 X 10-6  In order: |
| 1) Approximately 1.9 X 107 auto theft crimes are reported to police every year. How many of this type of crime are reported every day? | | | |
| 2) How many times bigger is the sun at 7.8 X 109 feet long to a giant squid that is 3.1 X 101 feet long? | | | |
| 3) If the average person eats 2.3 X 100 slices of pizza per week, If there are 8.3 X 101 kids in the eighth grade, how many slices of pizza does the 8th grade consume in total in one week? | | | |
| 4) The human eye blinks about 6.25 x 106 times each year. About how many times has the eye of a 14 year old blinked? | | | |
| 5) The national debt of the United states in 1980 was 9.7 X 1011 billion dollars. The 1980 census showed 2.3 X 108 people.  About how many dollars per person was the national debt? | | | |