Converting and Scientific Notation Practice Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Write each number in scientific notation.**

|  |  |
| --- | --- |
| 1.) 280 | 2.) 0.005 |
| 3.) 0.0237 | 4.) 0.0866 |
| 5.) 872000 | 6.) 0.04 |
| 7.) 740 | 8.) 0.000052 |
| 9.) 5000000 | 10.) 8.79 |

**Write each number in standard notation.**

|  |  |
| --- | --- |
| 1.) 6.61 x 10-4 | 2.) 9 x 101 |
| 3.) 2.4 x 105 | 4.) 6.68 x 103 |
| 5.) 1.24 x 104 | 6.) 4.9 x 10-2 |
| 7.) 3.98 x 102 | 8.) 7.34 x 10-5 |

**Convert the following. Write the answer in standard notation.**

**G - - M - - K H D b d c m - - μ - - n**

|  |  |
| --- | --- |
| 1.) Convert 18 megameters to centimeters | 2.) Convert 456 nanometers to millimeters |
| 3.) Convert 3.97 Dekaliters to centiliters | 4.) Convert 89.2 hertz to Gigahertz |
| 5.) Convert 57 hectograms to nanograms | 6.) Convert 1,189 decimeters to micrometers |