Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Multiplying Numbers by a Power of 10

Directions: Convert the following into exponential form. The first one has been completed for you. Remember, the total number of zeros should match your exponent.

|  |  |  |  |
| --- | --- | --- | --- |
| 10 x 10x 10 x10  104 | 10x10x10 | 10 x 10 | 10x 10 x 10x10 x10 |

Directions: Write each of the following powers of ten as an expression. The first one has been completed for you.

|  |  |  |
| --- | --- | --- |
| 107=  10 x 10 x 10 x 10 x10 x 10 x 10=  10,000,000 | 104= | 105= |
| = | = | 103= |

Complete the following charter by using your powers of ten place value knowledge.

|  |  |  |  |
| --- | --- | --- | --- |
| 2 x = | 5x = | 7 x = | 6 x = |
| 2 x = | 5 x = | 7 x = | 6 x = |
| 2 x = | 5 x = | 7x = | 6x = |