

**General Chemistry**  
**Mr. MacGillivray**  
**Quiz #1:**  
**Chemistry and Scientific Notation**

1. Define chemistry.

Convert the following numbers to standard scientific notation.

2.  $0.0000324 =$  \_\_\_\_\_

3.  $76,000 =$  \_\_\_\_\_

4.  $563 =$  \_\_\_\_\_

5.  $0.0509 =$  \_\_\_\_\_

Perform the following calculations. Report your answers in standard scientific notation. No work needs to be shown. No partial credit for correct arithmetic with wrong notation.

6.  $\frac{6 \times 10^8}{2 \times 10^3} =$  \_\_\_\_\_

7.  $\frac{2 \times 10^3}{5 \times 10^5} =$  \_\_\_\_\_

8.  $30,000 + 2,000 =$  \_\_\_\_\_