

Express these numbers in scientific notation.

1. 39,500 = \_\_\_\_\_

2. 0.00524 = \_\_\_\_\_

3. 10.25 = \_\_\_\_\_

Express these numbers in decimal notation.

1.  $4.21 \times 10^{-2} =$  \_\_\_\_\_

2.  $6.7 \times 10^3 =$  \_\_\_\_\_

3.  $4.211 \times 10^6 =$  \_\_\_\_\_

Use your calculator to solve the following. Be sure to express your answer in scientific notation even if your calculator does not.

1.  $(5.0 \times 10^5) + (3.0 \times 10^4) =$  \_\_\_\_\_

2.  $\frac{(3.5 \times 10^7)(1.6 \times 10^{-4})}{(4.500 \times 10^4)} =$  \_\_\_\_\_