

Express these numbers in scientific notation.

1. 49100 = _____

4. 0.02045 = _____

2. 588.39 = _____

5. 0.111 = _____

3. 7.27 = _____

6. 300.6 = _____

Express these numbers in decimal notation.

1. $8.32 \times 10^{-2} =$ _____

4. $1.457 \times 10^2 =$ _____

2. $5.4 \times 10^4 =$ _____

5. $3.00 \times 10^{-1} =$ _____

3. $9.67 \times 10^3 =$ _____

6. $2.22 \times 10^{-6} =$ _____

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

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

2. $(8.1 \times 10^4)(6.455 \times 10^{-4}) =$ _____

3. $\frac{(1.20 \times 10^9)(2.4 \times 10^{-5})}{(6.0812 \times 10^2)} =$ _____

4. $(4.874 \times 10^6) \div (2.6 \times 10^{-5}) =$ _____