

Express these numbers in scientific notation.

1. 0.0023 _____

4. 14,000 _____

2. 0.258 _____

5. 0.000036 _____

3. 10.236 _____

6. 2.52 _____

Express these numbers in decimal notation.

1. 4.36×10^2 _____

4. 1.45×10^{-2} _____

2. 3.40×10^{-3} _____

5. 5.02×10^4 _____

3. 2.67×10^5 _____

6. 1.21×10^{-7} _____

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

1. $(3.0 \times 10^3) + (5.0 \times 10^3)$ _____

2. $(6.9 \times 10^3)(2.455 \times 10^4)$ _____

3. $\frac{(4.3 \times 10^9)(3.1 \times 10^{-3})}{(5.0214 \times 10^5)}$ _____

4. $(4.58 \times 10^{-5}) \div (3.2 \times 10^{-2})$ _____