

Scientific Notation

Directions: Write each number in scientific notation.

1. 462,000
2. 12
3. 0.000561
4. .04

Directions: Write each number in standard notation.

5. 3.21×10^4
6. 5.52×10^3
7. 2.61×10^{-4}
8. 7×10^{-5}

Directions: Find the value of each expression and write the answer in scientific notation.

9. $(3 \times 10^4)(6 \times 10^3)$
10. $(8.2 \times 10^{-2})(2 \times 10^5)$
11. $\frac{9.3 \times 10^8}{3 \times 10^9}$
12. $8(3 \times 10^6)$