

Scientific Notation Worksheet

Express the following numbers in standard scientific notation:

1) $3,450,000 =$

2) $8.5 =$

3) $0.0004560 =$

Change the following scientific numbers into ordinary notation:

4) $4.3 \times 10^{-3} =$

5) $8.7 \times 10^0 =$

Express all answers in standard scientific notation and show your work for all problems.

6) $(1 \times 10^{18}) \times (1 \times 10^{-6}) =$

7) $(1 \times 10^{13}) \div (1 \times 10^{-3}) =$

8) $(3 \times 10^5) \times (6 \times 10^{-3}) =$

9) $(8 \times 10^{-2}) \times (6 \times 10^4) =$

10) $(5.6 \times 10^{-3}) \times (4.5 \times 10^4) =$

11) $(8.4 \times 10^6) \times (3.5 \times 10^{-2}) =$

12) $(4.65 \times 10^{-4}) \times (3.2 \times 10^{-2}) =$

13) $(8 \times 10^4) \div (2 \times 10^5) =$

14) $(5.6 \times 10^8) \div (3 \times 10^4) =$

15) $(9.8 \times 10^{-2}) \div (6.1 \times 10^5) =$