

MULTPLYING/DIVIDING SCIENTIFIC NOTATION HOMEWORK

Simplify. Write each answer in scientific notation.

1) $(8.18 \times 10^{-6})(1.15 \times 10^{-5})$

2) $(5.8 \times 10^{-6})(2 \times 10^4)$

3) $(0.8 \times 10^4)(1.28 \times 10^6)$

4) $(3.8 \times 10^{-6})(2.37 \times 10^{-3})$

5) $(1.9 \times 10^{-3})(2 \times 10^4)$

6) $(9.2 \times 10^5)(4 \times 10^{-3})$

7) $\frac{7.8 \times 10^4}{8 \times 10^1}$

8) $\frac{5.3 \times 10^3}{7.65 \times 10^5}$

9) $\frac{4.6 \times 10^2}{5.01 \times 10^{-3}}$

10) $\frac{7.6 \times 10^0}{5.4 \times 10^{-6}}$

11) $\frac{5.5 \times 10^{-1}}{5.3 \times 10^2}$

12) $\frac{2.04 \times 10^{-1}}{2 \times 10^{-2}}$