Chemistry – Chapter 3 Book assignment #1: Math with scientific notation

Solve each problem and express the answer in scientific notation:

1. $(6.6 \times 10^{-8}) + (5.0 \times 10^{-9})$

2. $(9.4 \times 10^{-2}) - (2.1 \times 10^{-2})$

3. Calculate the following and write your answer in scientific notation:

$$\frac{6.6 \times 10^6}{(8.8 \times 10^{-2}) \times (2.5 \times 10^3)}$$

4. $(3.0 \times 10^{-3}) \times (2.5 \times 10^{-4})$

5. $(4.2 \times 10^{-3}) + (7.0 \times 10^{-4})$