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Solve each problem and express the answer in scientific notation:

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

1b. $(9.4 \times 10^{-2}) - (2.1 \times 10^{-2})$

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

6.6×10^6

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

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

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