

NAME _____

HW # _____

Evaluate each expression. All answers should be in scientific notation.

1. $(3.2 \times 10^4)(2.1 \times 10^2)$

2. $(1.2 \times 10^{-4})(5 \times 10^8)$

3. $(9.2 \times 10^8)(0.7 \times 10^2)$

4. $(3.12 \times 10^{-3})(4.1 \times 10^3)$

5. $\frac{6.4 \times 10^4}{0.8 \times 10^2}$

6. $\frac{1.44 \times 10^{-5}}{1.2 \times 10^3}$

7. $\frac{6.88 \times 10^4}{2 \times 10^{-2}}$

8. $\frac{3.9 \times 10^{12}}{1.3 \times 10^3}$

For 9 and 10, make sure your final answer is in scientific notation.

9. $(12.2 \times 10^7)(2 \times 10^{-2})$

10. $\frac{48 \times 10^5}{3 \times 10^2}$