Scientific Notation | Multiplication & Division

Simplify each problem and express the answer in scientific notation.

1) $(8 \times 10^2)(9 \times 10^{-4})$

2) $\dfrac{15 \times 10^5}{5 \times 10^2}$

_____

3) $\dfrac{18 \times 10^{-9}}{9 \times 10^3}$

4) $(11 \times 10^{-2})(8 \times 10^9)$

_____

5) $(6 \times 10^1)(12 \times 10^2)$

6) $\dfrac{12 \times 10^7}{4 \times 10^5}$

_____

7) $\dfrac{11 \times 10^8}{2 \times 10^2}$

8) $(6 \times 10^{-6})(7 \times 10^{-2})$

_____

9) $(3 \times 10^3)(2 \times 10^2)$

10) $\dfrac{20 \times 10^7}{5 \times 10^{-3}}$

_____

11) $(11 \times 10^2)(11 \times 10^3)$

12) $\dfrac{12 \times 10^{-8}}{8 \times 10^{-6}}$

_____