

Multiply

Multiply. Write the product in scientific notation.

1. $(5 \times 10^1) \times (4 \times 10^3) = \underline{2 \times 10^5}$

2. $(5 \times 10^3) \times (5 \times 10^4) = \underline{2.5 \times 10^8}$

3. $(9 \times 10^{-2}) \times (8 \times 10^{-1}) = \underline{7.2 \times 10^{-2}}$

4. $(4 \times 10^{-4}) \times (8 \times 10^{-3}) = \underline{3.2 \times 10^{-6}}$

5. $(6 \times 10^2) \times (9 \times 10^2) = \underline{5.4 \times 10^5}$

6. $(3 \times 10^{-2}) \times (2 \times 10^3) = \underline{6 \times 10^1}$

7. $(8 \times 10^1) \times (8 \times 10^4) = \underline{6.4 \times 10^6}$

8. $(8 \times 10^1) \times (5 \times 10^{-4}) = \underline{4 \times 10^{-2}}$

9. $(6 \times 10^1) \times (4 \times 10^4) = \underline{2.4 \times 10^6}$

10. $(3 \times 10^3) \times (3 \times 10^3) = \underline{9 \times 10^6}$

11. $(8 \times 10^{-4}) \times (3 \times 10^{-4}) = \underline{2.4 \times 10^{-7}}$

12. $(4 \times 10^1) \times (2 \times 10^1) = \underline{8 \times 10^2}$