

Scientific Notation

Mixed operations: MS1

Simplify each problem and express the answer in scientific notation.

1) $(6 \times 10^{-5}) + (2 \times 10^{-1})$

Answer : _____

2) $(9 \times 10^4) (5 \times 10^7)$

Answer : _____

3) $\frac{8 \times 10^{-6}}{4 \times 10^{-2}}$

Answer : _____

5) $(9 \times 10^2) - (3 \times 10^7)$

Answer : _____

7) $(5 \times 10^6) (4 \times 10^7)$

Answer : _____

9) $(2 \times 10^{-6}) + (7 \times 10^{-3})$

Answer : _____

10) $(5 \times 10^3) (5 \times 10^{-1})$

Answer : _____

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Mixed operations: MS1

Simplify each problem and express the answer in scientific notation.

1) $(6 \times 10^{-5}) + (2 \times 10^{-1})$

Answer : 2.0006×10^{-1}

2) $(9 \times 10^4) (5 \times 10^7)$

Answer : 4.5×10^{12}

3) $\frac{8 \times 10^{-6}}{4 \times 10^{-2}}$

Answer : _____

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5) $(9 \times 10^2) - (3 \times 10^2)$

Answer : $8. \times 10^2$

7) $(5 \times 10^6) (4 \times 10^1)$

Answer : 2×10^{16}

Answer : 3.75×10^{-5}

9) $(2 \times 10^{-6}) + (7 \times 10^{-3})$

Answer : 7.002×10^{-3}

10) $(5 \times 10^3) (5 \times 10^{-1})$

Answer : 2.5×10^3