Operations with Scientific Notation

Simplify each problem and express the answer in scientific notation.

1) $\dfrac{9 \times 10^6}{3 \times 10^2}$

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2) $(5 \times 10^2)\,(7 \times 10^3)$

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3) $(8 \times 10^8) - (9 \times 10^5)$

4) $(1 \times 10^{-1}) + (3 \times 10^{-5})$

5)

7)

Preview

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9) $(5 \times 10^{-7}) + (3 \times 10^{-3})$

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10) $\dfrac{2 \times 10^{-2}}{8 \times 10^2}$

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11) $(6 \times 10^{-7})\,(2 \times 10^{-5})$

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12) $\dfrac{3 \times 10^6}{4 \times 10^2}$

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