

Operations with Scientific Notation

Simplify each problem and express the answer in scientific notation.

1) $(1.6 \times 10^7) - (3.4 \times 10^4)$

2) $(9.5 \times 10^{-3}) + (4.2 \times 10^{-5})$

3) $\frac{2.99 \times 10^{-6}}{\quad}$

4) $(1.7 \times 10^3)(1.45 \times 10^7)$

5)

Preview

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7)

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9) $(0.4 \times 10^3) - (4.3 \times 10^{-1})$

10) $(2.9 \times 10^{-2}) + (0.7 \times 10^2)$

11)

$$\frac{1.5 \times 10^0}{0.5 \times 10^{-5}}$$

12)

$$(7.8 \times 10^2)(6.5 \times 10^5)$$