Operations with Scientific Notation

Simplify each problem and express the answer in scientific notation.

$$1) \quad \frac{27 \times 10^{7}}{6 \times 10^{3}}$$

2)
$$(2 \times 10^{-7}) + (3 \times 10^{-4})$$

3) $(9 \times 10^6) - (8 \times 10^2)$

4) $(12 \times 10^4) (11 \times 10^0)$

Preview

5)

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7)

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9)
$$\frac{5 \times 10^{-3}}{2 \times 10^{2}}$$

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

11)
$$(7 \times 10^7) (6 \times 10^{-4})$$

12)
$$(13 \times 10^{-2}) - (8 \times 10^{-3})$$