

**Scientific Notation**

Mixed operations: ES3

Simplify each problem and express the answer in scientific notation.

1)  $(6 \times 10^6) - (8 \times 10^3)$

Answer : \_\_\_\_\_

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

Answer : \_\_\_\_\_

3)  $(4 \times 10^6) (9 \times 10^7)$

Answer : \_\_\_\_\_

5)  $(5 \times 10^8) (11 \times 10^8)$

Answer : \_\_\_\_\_

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

Answer : \_\_\_\_\_

9)  $(3 \times 10^8) + (13 \times 10^6)$

Answer : \_\_\_\_\_

10)  $\frac{5 \times 10^8}{2 \times 10^4}$

Answer : \_\_\_\_\_

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**Scientific Notation**

Mixed operations: ES3

Simplify each problem and express the answer in scientific notation.

1)  $(6 \times 10^6) - (8 \times 10^3)$

Answer :  $5.992 \times 10^6$ 

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

Answer :  $4 \times 10$ 

3)  $(4 \times 10^6) (9 \times 10^7)$

Answer : \_\_\_\_\_

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$10^7)$

 $3.6 \times 10^7$ 

5)  $(5 \times 10^8) (11 \times 10^8)$

Answer : \_\_\_\_\_

$10^8)$

 $5.5 \times 10^{14}$ 

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

Answer :  $5.9 \times 10^6$ 

$10^4)$

Answer :  $3.09 \times 10^4$ 

9)  $(3 \times 10^8) + (13 \times 10^6)$

Answer :  $3.13 \times 10^8$ 

10)  $\frac{5 \times 10^8}{2 \times 10^4}$

Answer :  $2.5 \times 10^4$