

Name : \_\_\_\_\_

Score : \_\_\_\_\_

**Scientific Notation**

Mixed operations: ES1

Simplify each problem and express the answer in scientific notation.

1)  $(8 \times 10^5) + (5 \times 10^4)$

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

2)  $\frac{7 \times 10^6}{2 \times 10^3}$

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

3)  $(3 \times 10^4) - (5 \times 10^2)$

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

4)  $(4 \times 10)(2 \times 10^3)$

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

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

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

6)  $(8 \times 10^3)(3 \times 10^4)$

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

7)  $(5 \times 10^8) - (3 \times 10^6)$

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

8)  $(7 \times 10^5) + (6 \times 10^7)$

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

9)  $(4 \times 10^2) + (9 \times 10^4)$

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

10)  $(2 \times 10^3)(5 \times 10^4)$

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

Name : \_\_\_\_\_

**Answer key**

Score : \_\_\_\_\_

**Scientific Notation**

Mixed operations: ES1

Simplify each problem and express the answer in scientific notation.

1)  $(8 \times 10^5) + (5 \times 10^4)$

Answer :  $8.5 \times 10^5$

2)  $\frac{7 \times 10^6}{2 \times 10^3}$

Answer :  $3.5 \times 10^3$

3)  $(3 \times 10^4) - (5 \times 10^2)$

Answer :  $2.95 \times 10^4$

4)  $(4 \times 10) (2 \times 10^3)$

Answer :  $8 \times 10^4$

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

Answer :  $4.5 \times 10^2$

6)  $(8 \times 10^3) (3 \times 10^4)$

Answer :  $2.4 \times 10^8$

7)  $(5 \times 10^8) - (3 \times 10^6)$

Answer :  $4.97 \times 10^8$

8)  $(7 \times 10^5) + (6 \times 10^7)$

Answer :  $6.07 \times 10^7$

9)  $(4 \times 10^2) + (9 \times 10^4)$

Answer :  $9.04 \times 10^4$

10)  $(2 \times 10^3) (5 \times 10^4)$

Answer :  $1 \times 10^8$