

Name : _____

Score : _____

Scientific Notation

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 : _____

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Answer key

Simplify each problem and express the answer in scientific notation.

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

Answer : 8.5×10^5

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

Answer : 3.5×10^3

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

Answer : 2.95×10^4

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

Answer : 8×10^4

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

Answer : 4.5×10^2

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

Answer : 2.4×10^8

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

Answer : 4.97×10^8

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

Answer : 6.07×10^7

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

Answer : 9.04×10^4

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

Answer : 1×10^8