

Addition and Subtraction With Scientific Notation

Simplify. Write each answer in scientific notation.

1) $3.1 \times 10^3 + 4.3 \times 10^3$

2) $3 \times 10^1 + 6.4 \times 10^2$

3) $2.4 \times 10^4 + 5.57 \times 10^3$

4) $5 \times 10^{-2} + 1.6 \times 10^{-3}$

5) $2.5 \times 10^1 + 6.14 \times 10^4$

6) $7 \times 10^{-1} + 6.4 \times 10^{-5}$

7) $5 \times 10^{-3} + 3.3 \times 10^{-6}$

8) $8 \times 10^{-1} + 6.9 \times 10^3$

9) $1.39 \times 10^5 - 4 \times 10^2$

10) $2.74 \times 10^{-1} - 6.53 \times 10^{-4}$

11) $8.14 \times 10^5 - 7.8 \times 10^2$

12) $6.36 \times 10^3 - 5.8 \times 10^{-1}$

13) $5.1 \times 10^{-1} + 0.38 \times 10^4$

14) $5.9 \times 10^{-2} - 0.078 \times 10^3$

Addition and Subtraction With Scientific Notation

Date _____ Period _____

Simplify. Write each answer in scientific notation.

1) $3.1 \times 10^3 + 4.3 \times 10^3$

7.4×10^3

2) $3 \times 10^1 + 6.4 \times 10^2$

6.7×10^2

3) $2.4 \times 10^4 + 5.57 \times 10^3$

2.957×10^4

4) $5 \times 10^{-2} + 1.6 \times 10^{-3}$

5.16×10^{-2}

5) $2.5 \times 10^1 + 6.14 \times 10^4$

6.1425×10^4

6) $7 \times 10^{-1} + 6.4 \times 10^{-5}$

7.00064×10^{-1}

7) $5 \times 10^{-3} + 3.3 \times 10^{-6}$

5.0033×10^{-3}

8) $8 \times 10^{-1} + 6.9 \times 10^3$

6.9008×10^3

9) $1.39 \times 10^5 - 4 \times 10^2$

1.386×10^5

10) $2.74 \times 10^{-1} - 6.53 \times 10^{-4}$

2.73347×10^{-1}

11) $8.14 \times 10^5 - 7.8 \times 10^2$

8.1322×10^5

12) $6.36 \times 10^3 - 5.8 \times 10^{-1}$

6.35942×10^3

13) $5.1 \times 10^{-1} + 0.38 \times 10^4$

3.80051×10^3

14) $5.9 \times 10^{-2} - 0.078 \times 10^3$

-7.7941×10^1