

Adding and Subtracting Scientific Notation Worksheets

Name: _____ Date: _____

Direction: This worksheet show you how to perform sums and differences with values that are in scientific notation. Now Simplify. Write each answer in scientific notation.

1) $3.1 \times 10^5 + 4.3 \times 10^5$

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

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ANSWER KEY

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}