

Name _____

Date _____

Period _____



Chem Skills Worksheet #2: Scientific Notation

Use your calculator to solve the following problems.

1. $(2 \times 10^3)(3 \times 10^4)$

6×10^7

2. $(7.2 \times 10^4) / (8.6 \times 10^6)$

3. $(2.0 \times 10^3)^3$

8.0×10^9

4. $(6.4 \times 10^4) - (8.2 \times 10^3)$

5. $(5.08 \times 10^{-4}) - (2.7 \times 10^{-4})$

3.629032258×10^2

6. $(3 \times 10^4) + (2 \times 10^6)$

7. $(1.02 \times 10^3)^4$

1.08×10^{12}

8. $10^{-3} / 10^{-6}$

9. $(5 \times 10^{-6})(20 \times 10^4) / (4 \times 10^{-5})$

2.5×10^4

10. $(8.6 \times 10^3) + (2.8 \times 10^2)$

11. $(7 \times 10^2) + (7 \times 10^3) + (1 \times 10^3)$

8.7×10^3

12. $(2.6 \times 10^3)(2.1 \times 10^{25})$

13. $10^3 + 10^2$

1.1×10^3

14. $10^4 - 10^2$

15. $(5.8 \times 10^5) / [(4.3 \times 10^3) + (2.4 \times 10^2)]$

1.27753304×10^2

16. $(5.8 \times 10^5) / (4.3 \times 10^3) + (2.4 \times 10^2)$

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