



Pre-Algebra: Scientific Notation #1 (page 1)

Circle the numbers that are in correct scientific notations. Write those that are not in correct scientific notation.

1. 2.1×10^5 2. 37.6×10^4 3. 6.8×10^{-2}
4. 0.38×10^5 5. 452.7×10^{-5} 6. 0.0051×10^5

Write each of the following numbers in scientific notation. Round to two decimal places if necessary.

7. 430,000 = _____ 8. 0.000032 = _____
9. 0.000000041 = _____ 10. 351,000,000,000 = _____
11. $6.78 \times 10^5 =$ _____ 12. $2.3 \times 10^8 =$ _____
13. $5.11 \times 10^{-5} =$ _____ 14. $3.41 \times 10^{-3} =$ _____



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Pre-Algebra: Scientific Notation #1 (page 2)

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$(3.5E-8)(2E4)$

Show your work for how you got the answer for the multiple choice question.

Which is an answer to the problem on the calculator?

- (A) $7E-12$
- (B) $7E-4$
- (C) $1.5E-4$
- (D) $7E4$

16. $6.7E10 =$ _____ 17. $4.5E-5 =$ _____

Fill in the blank to make the statement true.

- 18. 2.1×10^6 is _____ times larger than 2.1×10^3 .
- 19. 4.2×10^5 is _____ times larger than 2.1×10^2 .
- 20. 9.6×10^4 is _____ times larger than 9.6×10^{-1} .

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