

Writing in Scientific Notation SCN 2

Review:

Write these in standard form:

1. $7.001 \times 10^3 =$ _____

2. $9.27 \times 10^{-5} =$ _____

3. $4.3 \times 10^{-2} =$ _____

4. $8.0808 \times 10^8 =$ _____

Write these in scientific notation:

5. $101,001,000 =$ _____

6. $0.009 =$ _____

7. $4343 =$ _____

8. $0.00000000063 =$ _____

9. $0.00000204 =$ _____

10. $0.3001 =$ _____

11. $5,555,000,000,000,000,000 =$ _____

12. $606060 =$ _____

Simplify:

13. $v^5 \cdot v^{10} =$ _____

14. $(b^{-3})(b^8) =$ _____

15. $4^{-10} \cdot 4^{-12} =$ _____

16. $(x^{-3})^7 =$ _____

17. $(m^5np^{-1})^{-7} =$ _____

18. $\frac{f^{-4}}{f^{-9}} =$ _____