

PRACTICE - *Correct the following incorrect scientific notation.*

a) 36.7×10^1 _____ d) 851.6×10^{-3} _____

b) 0.0123×10^4 _____ e) -966×10^{-1} _____

c) -0.015×10^{-3} _____ f) 0.047×10^{33} _____

g) 12.7×10^8 _____ h) 158.9×10^{-4} _____

Tell whether the number is written in scientific notation. Explain.

3. 4.375×10^{-8}

4. 62.9×10^{14}

5. 9.897×10^{-15}

6. 0.451×10^{-12}

7. 25×10^{18}

8. 5.1786×10^{-25}

Write the number in standard form.

9. 8×10^6

10. 9×10^{-2}

11. 2×10^3

12. 5.3×10^{-4}

13. 1.2×10^8

14. 7.86×10^5

Write the number in scientific notation.

1. 350,000

2. 0.0004

3. 0.0000000000000527

4. 12,500,000

5. 1,900,000,000

6. 0.0000001

7. 5,000,000,000,000

8. 0.00006524

Order the numbers from least to greatest.

9. 3.6×10^8 , 6.3×10^8 , 3.26×10^8

10. 9.8×10^{-12} , 1.23×10^{-11} , 5.05×10^{-13}