

Name _____ Class _____ Date _____

Scientific Notation Review

Write each number in scientific notation.

1. $8,030,000,000,000$ 8.03×10^{12}

2. 0.0000582 5.82×10^{-5}

3. $207,320,000$ 2.0732×10^8

4. $189.2 \cdot 10^{12}$ 1.892×10^{14}

5. $34200 \cdot 10^8$ 3.42×10^{12}

6. $2356.01 \cdot 10^7$ 2.35601×10^{10}

7. $46 \cdot 10^{-5}$ 4.6×10^{-4}

8. $856.24 \cdot 10^{-2}$ 8.5624×10^0

9. $0.00065 \cdot 10^8$ 6.5×10^4

10. 0.0023456 2.3456×10^{-3}

11. $89000000 \cdot 10^4$ 8.9×10^{11}

12. $73 \cdot 10^{-5}$ 7.3×10^{-4}

Write each number in standard form.

13. $34200 \cdot 10^8$

3,420,000,000,000

14. $9.000207 \cdot 10^6$

9,000,207

15. $5.2400001 \cdot 10^{-4}$

0.00052400001

16. $85,652,003 \cdot 10^{-12}$

0.000085652003

17. $6.000098 \cdot 10^5$

600,009.8

18. $423.589 \cdot 10^{-2}$

4.23589

19. $6895.3 \cdot 10^8$

689,530,000,000

20. $5.002 \cdot 10^{-9}$

0.000000005002

21. $6.03 \cdot 10^{14}$

603,000,000,000,000

22. $7.0205 \cdot 10^{-8}$

0.000000070205

23. $5.86 \cdot 10^{11}$

586,000,000,000

24. $7.0000421 \cdot 10^5$

700,004.21