

Name: _____

Period: _____

Chemistry 11

Scientific Notation Worksheet

Directions: Express each in scientific notation **OR** put into scientific notation.

1. 423 4.23×10^2

2. 70 _____

3. 961,250 9.6125×10^5

4. 1,458 _____

5. 4,589,000 4.589×10^6

6. 789,000 _____

7. 40,965,000 4.0965×10^7

8. 12.56 _____

9. 2.587 same

10. 987,560,000 _____

11. 0.00214528 2.14529×10^{-3}

12. 0.201589 _____

13. 0.032569 3.2569×10^{-2}

14. 0.01245 _____

15. 0.12 1.2×10^{-1}

16. 0.147000 _____

17. 0.03690 3.690×10^{-2}

18. 0.0000000008 _____

19. 0.00000025060 2.5060×10^{-7}

20. 0.014589 _____

21. 0.078950 7.8950×10^{-2}

22. 0.09 _____

23. 0.1 1×10^{-1}

24. 2.345×10^2 _____

25. 3.65×10^6 3 650 000

26. 2.9865×10^3 _____

27. 1.02×10^4 10 200

28. 1.3×10^5 _____

29. 1.789×10^0 1.789

30. 2.5987×10^2 _____

31. 4.37598×10^2 437.589

32. 9.856×10^7 _____

33. 2.3×10^{10} 23 000 000 000

34. 1.369×10^1 _____

35. 5.987×10^3 5987

36. 1.236×10^5 _____

37. 2.369×10^3 2369

38. 1.2478×10^7 _____

39. 5.01×10^2 501

40. 1.6987×10^8 _____

41. 7.9854×10^3 7985.4

42. 6.3569×10^9 _____

43. 4.639×10^1 46.39

44. 4.20×10^0 _____

45. 9.87×10^8 987 000 000

46. 5.698×10^6 _____