Scientific Notation Mixed Worksheet

If the following numbers are in normal notation, then put them into scientific notation. If the following numbers are in scientific notation, then put them into normal notation. If there are calculations to be performed, then do so by showing your work so I know you worked it in scientific notation.

1. 5,213=

2. 7.6278 X 10-5=

3. 5 X 10-3=

4. 73,200=

5. 21,000,000,000=

6. (7.2 X 105) X (2.12 X 10-2)=

7. (2 X 104) – (7 X 102)=

8. 9.51 X 1022=

9. (2.3 X 107) / (9.2 X 102)=

10. (2.51 X 102) + (5.23 X 104)=

11. 2 X 103=

12. (6.72 X 1013) X (1.9 X 104)=

13. 0.000314=

14. (4.53 X 10-1) / (4.58 X 109)=

15. 8.23 X 10-4=

16. 0.00000000043791=

17. (3.45 X 10-2) – (1.23 X 103)=

18. 2.331 X 105=

19. 23.21=

20. (9.12 X 10-3) + (1.23 X 10-5)=

On the next five problems: Use an less than symbol (<), or a greater than symbol (>), or an equal sign (=) to complete the equations.

21. (7.01 X 10-2) \_\_\_\_\_\_\_\_\_\_ (5.95 X 10-7)

22. (-1.71 X 10-8) \_\_\_\_\_\_\_\_\_\_ (7.48 X 103)

23. (8.23 X 10-4) \_\_\_\_\_\_\_\_\_\_ (5.29 X 10-2)

24. (4.53 X 10 -1) \_\_\_\_\_\_\_\_\_\_ (4.58 X 109)

25. (9.72 X 10-2) \_\_\_\_\_\_\_\_\_\_ (6.02 X 1023)