

Significant Figures Worksheet III

Significant Figures Worksheet III.doc

Name _____

Date _____

Period _____

Directions:

Write the number of significant figures (i.e. 1, 2, 3, 4, 5 etc.) in the space provided for each problem.

1. 3.0×10^{-4} m _____
2. 2.08×10^2 cm _____
3. 6.70×10^{-6} kg _____
4. 1.5×10^5 ml _____
5. 5.7000×10^3 mm _____
6. 7.8×10^{-5} cm _____
7. 1.25×10^8 g _____
8. 8.997×10^7 kg _____
9. 6.023×10^{23} mol _____
10. 6.02×10^{23} mol _____
11. 9.548×10^{-1} g _____
12. 4.2×10^{-6} cm _____
13. 5.7×10^7 dm _____
14. 9.0×10^5 kg _____
15. 1.000×10^2 m _____
16. 9.012×10^1 cc _____
17. 2.01×10^5 m _____
18. 1.001×10^{56} cd _____
19. 2.000×10^1 cm _____
20. 5.2×10^4 g _____
21. 6.00×10^7 cm³ _____
22. 5.01×10^8 cm _____
23. 5.2×10^5 cm³ _____
24. 1×10^6 m _____
25. 2×10^1 g _____