

Metric Worksheet

Name: _____ Period: _____ Date: _____

Write the following numbers in scientific notation.
Watch significant figures

1. 0.0000675 = _____

2. 1250000 = _____

3. 0.0052 = _____

4. 857000 = _____

5. 0.00000023 = _____

6. 233.58 = _____

7. 87.25 = _____

8. 0.000854 = _____

Write the following numbers in standard notations.
(Include all zeros)

9. 1.20×10^6 = _____

10. 5.55×10^{-4} = _____

11. 3.3×10^3 = _____

12. 5.80×10^{-8} = _____

13. 9.87×10^6 = _____

14. 5.40×10^3 = _____

15. 8.50×10^{-5} = _____

16. 5.21×10^2 = _____

17. 8.53×10^6 = _____

Complete the following conversions show your work and circle the conversion factors. Put your answers in scientific notation. **The answer should only have as many significant figures as the initial number.**

18. 2000 mg = _____ g Work:

19. 5 g = _____ mg Work:

20. 16 ft = _____ m Work:

21. 104 km = _____ pm Work:

22. _____ = _____ — Work:

23. — = _____ — Work:

24. 480 in = _____ mm Work: