Metric Conversion Worksheet

Convert the following. SHOW ALL OF YOUR WORK. USE DIMENSIONAL ANALYSIS.

1. Write the Metric Conversion chart from memory. It must be memorized for this class.

2. 256 m = _____ cm

3. 952 g = _____ mg

4. 785.3 km = _____ m

5. 84.363 km = _____ cm

6. 872 km = _____ mm

7. 95,824 cm = _____ mm

8. 8.26 kl = _____ ml

9. 36 mm = _____ cm

10. 857 cm = _____ mm

11. 0.534 cm = _____ dam

12. 6.21×10^{12} dl = _____ l

13. 8.47×10^{-4} dam = _____ dm

14. 7.4×10^{8} mm = _____ hm

15. 2.44×10^{-4} mg = _____ dag

NO WORK, NO DIMENSIONAL ANALYSIS, NO CREDIT. Remember, you are learning the process so you can apply it to chemistry throughout the year.