

Name: _____

Date: _____ Per: _____

Chemistry
SI Unit Conversions WS 1

I. Perform the following SI unit conversions, **showing all work**:

1. 5.23 L = _____ mL

2. 734.2 ms = _____ s

3. 4.3 kL = _____ L

4. 5.86 m = _____ mm

5. 812 cm = _____ m

6. 152.7 mg = _____ g

7. 594 m = _____ km

8. 98 mL = _____ L

9. 14 g = _____ mg

10. 27.5 g = _____ kg

11. 0.075 m = _____ cm

12. 862 kg = _____ g

13. 1.529 L = _____ mL

14. _____ L = 88.0 mL

15. _____ g = 521 kg

16. _____ m = 450 mm

17. _____ μ s = 0.000432 s

18. 48.3 kL = _____ L

19. _____ m = 65 mm

20. 837 Mm = _____ m

21. _____ L = 7754 kL

22. 17.9 dL = _____ L

23. _____ mL = 0.525 L

24. _____ m = 0.07812 Mm

25. 2567 g = _____ Mg

26. 92.25 m = _____ dm