Name:
Date:
Period:

Units and Measurement #2

Metric Conversions: (Show Work!)

1. 300 g = = _____ Kg
2. 90,000 KL = = _____ ML
3. 1.9 Kg = = _____ mg
4. 3.2×10^{4} mm = = _____ cm
5. 2×10^{-3} KHz = = _____ Hz
6. 4.89×10^{5} mg = = _____ Kg
7. 9060 ms = = _____ s

Solve: (show work and give answer in base units)

8. 3.1 Kg – 100 g =

9. 570mm + 14.0 cm =

Give the SI base unit for the following properties:

10. mass:
11. distance:
12. time:
13. volume:

Free Response:

14. What is the difference between a measurement and a calculation?

15. What is the difference between a property and a unit? (include examples of each)