Chemistry Homework  Name: ______________________________
Worth 10 points, no points for late homework
Show all your work: No credit will be given for problems that do show the calculations

1. Fill in the appropriate value below
   a) $15 \text{ kg} = \underline{\text{___}} \underline{\text{hg}}$

   b) $0.57 \text{ cm} = \underline{\text{___}} \underline{\text{mm}}$

   c) $134 \text{ mm} = \underline{\text{___}} \underline{\text{cm}}$

   d) $694 \text{ dag} = \underline{\text{___}} \underline{\text{hg}}$

   e) $85 \text{ l} = \underline{\text{___}} \underline{\text{cl}}$

2. How many centiseconds (cs) are in 10 milliseconds (s)? _______________

3. How many millimeters (mm) are equal to 0.54 centimeters (cm)? _______________

4. How many kilograms does a 157 lb person weigh? _______________
5. How many deciliters (dl) are in 0.032 liters (l)? _________________

6. How many milligrams (mg) would you weigh out if you needed 32 ounces. ____________

7. How many liters would you have put in your gas tank if you filled your tank with 6 gallons of gas? ____________

8. How many centiliters are in 6.7 gallons? __________

9. The temperature outside is 62ºF, what would this be in Celsius? ______________