Dimensional Analysis 3 **Name_____**
Chemistry / Bly **Hour ___ Date_____**

Use dimensional analysis to solve the following problems. Show all work, include units, and circle your answers.

1. Convert 6.54 mm to cm.

2. Convert 0.0925 Ms (Megaseconds) to ks

3. Convert 0.0898 mm to μm (micrometers)

4. Convert 18.5 g/L to dg/cm^3

5. Convert 0.00400 km^3 to cm^3 (Hint: to show sig figs, you will need to write your answer in scientific notation.)