**Chemistry: Conversions with Unit Prefixes Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Use dimensional analysis to perform the following conversions. Write your answers with the appropriate units.

1. Convert 0.000000068 g to ng.
2. Convert 140.75 m to hm.
3. Convert 257,000,000 g to Gg.
4. Convert 0.00000000000015 mol to pmol.
5. Convert 4,000,000 g to Mg.
6. Convert 315 g to hg.
7. Convert 6,750,000 mg to kg.
8. Convert 8,000,000 hmol to Mmol.
9. Convert 0.0000015 ks to ds.
10. Convert 0.000650 pA to nA.