**Mole HomeWork 2**

**Your name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Do these problems and turn your completed work to class**

**Wednesday 23 September. You can put your work on a separate piece of paper or copy this off and do the work in the spaces provided. SHOW WORK or NO CREDIT!!!!**

**The molecular mass of octane, C8H18, is 114 g/mol.**

**2.1 How many grams of octane are in 5.26316\*1022 molecules**

**of octane ?**

**\_\_\_\_\_\_\_\_\_\_\_ g octane**

**2.2. How many molecules of octane are in 0.0190 grams of**

**octane ? (1 mol count=6\*1023)**

**\_\_\_\_\_\_\_\_\_\_ molecules of octane**