Name ______ [illegible] ______ Date ______

Molarity problems

1. [illegible] = ______ [illegible]
2. [illegible]
   a. [illegible]

      [illegible] = .026 mol   M = [illegible] = **.104 M**

   b. [illegible]

      [illegible] / 140 g = .01 mol   M = [illegible] = **.067 M**

3. [illegible]

   .05 M = mol / [illegible]   mol = **.05 mol $AlCl_3$**

4. [illegible]

   .5 M = mol / [illegible] L   mol = **[illegible] mol $Cu(NO_3)_2$**

5. [illegible]

   .5 M = [illegible] mol / x   x = [illegible] L = **[illegible] mL**

6. [illegible]

   .1 M = [illegible] mol / x   x = 3.3 L = **3300 mL**

7. [illegible]

   .1 M = mol / .03 L   mol = **.003 mol $KClO_3$** | 122.55 g / 1 mol = **.36 g**

8. [illegible]

   .5 M = mol / [illegible]   .05 mol KOH | 56.1 g / 1 mol = **2.81 g KOH**