**Chem 1013: mini-quiz # 21:using the Solubility Rules to Predict Precipitates A**

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

Using the solubility rules provided, decide whether the following compounds are soluble (aq) or insoluble (s) in water:

a) AgClO4 aq s

b) CaCO3 aq s

c) (NH4)2O aq s

d) PbSO4 aq s

e) KOH aq s

**Chem 1013: mini-quiz # 21: Using the Solubility Rules to Predict Precipitates B**

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

Using the solubility rules provided, decide whether the following compounds are soluble (aq) or insoluble (s) in water:

a) PbS aq s

b) Ca(NO3)2 aq s

c) CuO aq s

d) LiClO3 aq s

e) KCl aq s