**Chem 1013: mini-quiz # 20: molecular, complete ionic, net ionic A**

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

**Write the complete molecular reaction for the compounds below assuming that AgCl is the only species formed as a final precipitate**

**AgNO3(aq) + KCl(aq)-🡪 KNO3(aq) + AgCl(s)**

**Write the equivalent complete ionic reaction for the reaction above: (note- Ag is +1**

**NO3 is -1, K is +1 and Cl is -1)**

 **Ag+ + NO3- + K+ + Cl- AgCl(s) + NO3- + K+**

**Write the equivalent net ionic reaction for the reaction above:**

 **Ag+ + Cl- AgCl(s)**

**Chem 1013: mini-quiz # 20: molecular, complete ionic, net ionic B**

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

**Write the complete molecular reaction for the compounds below, assuming that AgCl is the is the only species formed as a final precipitate**

**AgClO3(aq) + LiCl(aq)-🡪 LiClO3(aq) + AgCl(s)**

**Write the equivalent complete ionic reaction for the reaction above: (note- Ag is +1**

**ClO3- is -1, Li is +1 and Cl is -1)**

**Ag+ + ClO3- + K+ + Cl- AgCl(s) + ClO3- + Li+**

**Write the equivalent net ionic reaction for the reaction above:**

 **Ag+ + Cl-= AgCl(s)**