Chemistry 115 Name \_\_\_\_\_\_\_\_\_\_\_\_key\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Quiz 3a

Dr. Cary Willard September 17, 2013

1. (10 points) Give the IUPAC name for the following compounds
   1. CaBr2  calcium bromide
   2. Li3N lithium nitride
   3. Ti2S3 titanium(III) sulfide
   4. HI(aq) hydroiodic acid
   5. PCl5 phosphorus pentachloride
2. (10 points) Write the correct formula for each of the following compounds
   1. silver oxide Ag2O
   2. calcium chloride CaCl2
   3. nickel(II) fluoride NiF2
   4. hydrochloric acid HCl(aq)
   5. dinitrogen tetroxide N2O4

Chemistry 115 Name \_\_\_\_\_\_\_\_\_\_\_\_key\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Quiz 3b

Dr. Cary Willard September 17, 2013

1. (10 points) Give the IUPAC name for the following compounds
   1. K3P potassium phosphide
   2. MgF2 magnesium fluoride
   3. Cr2O3 chromium(III) oxide
   4. HCl(aq) hydroichloric acid
   5. NI3 nitrogen triiodide
2. (10 points) Write the correct formula for each of the following compounds
   1. zinc bromide ZnBr2
   2. sodium sulfide Na2S
   3. Tin(IV) oxide SnO2
   4. hydrofluoric acid HF(aq)
   5. dinitrogen tetroxide N2O4

Chemistry 115 Name \_\_\_\_\_\_\_\_\_\_\_\_key\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Quiz 3c

Dr. Cary Willard September 17, 2013

1. (10 points) Give the IUPAC name for the following compounds
   1. BaF2  barium fluoride
   2. K3N potassium nitride
   3. Co2S3 cobalt (III) sulfide
   4. HBr(aq) hydrobromic acid
   5. SiO2 silicon dioxide
2. (10 points) Write the correct formula for each of the following compounds
   1. Lithium phosphide Li3P
   2. Zinc iodide ZnI2
   3. Vanadium(II) chloride VCl2
   4. hydrofluoric acid HF(aq)
   5. diboron hexabromide B2Br6

Chemistry 115 Name \_\_\_\_\_\_\_\_\_\_\_\_key\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Quiz 3d

Dr. Cary Willard September 17, 2013

1. (10 points) Give the IUPAC name for the following compounds
   1. Ag3N silver nitride
   2. BeCl2 beryllium chloride
   3. Mn2O3 manganese(III) oxide
   4. HBr(aq) hydrobromic acid
   5. SO2 sulfur dioxide
2. (10 points) Write the correct formula for each of the following compounds
   1. Aluminum bromide AlBr3
   2. Lithium sulfide Li2S
   3. lead(IV) oxide PbO2
   4. hydroiodic acid HI(aq)
   5. diboron pentasulfide B2S5