Name _____

Balancing Equations 3

Balance the following chemical equations.

1. ____ $SiCl_4$ + ____ H_2O → ____ SiO_2 + ____ HCl

2. ____ As + ____ $NaOH$ → ____ Na_3AsO_3 + ____ H_2

3. ____ Au_2S_3 + ____ H_2 → ____ Au + ____ H_2S

4. ____ V_2O_5 + ____ HCl → ____ $VOCl_3$ + ____ H_2O

5. ____ $Hg(OH)_2$ + ____ H_3PO_4 → ____ $Hg_3(PO_4)_2$ + ____ H_2O

6. ____ SiO_3 + ____ HF → ____ SiF_4 + ____ H_2O

7. ____ Zn + ____ HCl → ____ $ZnCl_2$ + ____ H_2

8. ____ $HClO_4$ + ____ P_4O_{10} → ____ H_3PO_4 + ____ Cl_2O_7

9. ____ N_2 + ____ O_2 → ____ H_2O + ____ HNO_3

10. ____ NH_4NO_3 + ____ N_2 → ____ O_2 + ____ H_2O