Precipitate Reactions - Practice Problems

For each of the following reaction:

1. Predict the products
2. Balance the reaction
3. Write a balanced total ionic equation
4. Write a balanced net ionic equation
5. Identify any precipitates
6. Identify any spectator ions
7. Add states of matter to part a
8. AgNO3 (aq) + KCl (aq) →
9. MgS (aq) + ZnCl2 (aq) →
10. KNO3 (aq) + Ba(OH)2 (aq) →
11. K3PO4 (aq) + MnCl2 (aq) →
12. CaF2 (aq) + CuSO4 (aq) →
13. NaOH (aq) + KI (aq) →
14. NH4Cl (aq) + Al2(SO4)3 (aq) →
15. NiI2 (aq) + Sr(OH)2 (aq) →
16. MgF2 (aq) + (NH4)2SO3 (aq) →
17. Pb(NO3)2 (aq) + LiBr (aq) →