Chemical Equations

Use each of the following descriptions to write a word equation & skeleton equation.

1) Zinc and lead (II) nitrate solution react to form zinc nitrate in solution and solid lead.

2) A solution of aluminum bromide reacts with chlorine gas to form aluminum chloride in solution and liquid bromine.

3) Two solutions, sodium phosphate and calcium chloride react to form a precipitate of calcium phosphate and sodium chloride in solution.

4) Potassium metal and chlorine gas combine to form solid potassium chloride.

5) Aluminum and hydrochloric acid react to form aluminum chloride solution and hydrogen gas.

6) Calcium hydroxide and phosphoric acid are both solutions which react when combined to form a solution of calcium phosphate and water.

7) Copper and sulphuric acid react to form copper (II) sulphate in solution and water and sulfur dioxide which is a gas.

8) Hydrogen gas and nitrogen monoxide gas react to form water and nitrogen gas.