Predict the products of the following reactions. Include states of matter. Write balanced formula equations. Name the type of reaction.

Use your copies of the activity series and solubility chart to help you.

1. magnesium (s) and hydrochloric acid (aq) 🡪

2. complete combustion of ethene (C2H4) (g) 🡪

3. platinum (s) and nitric acid (aq) 🡪

4. barium chloride (aq) and potassium hydroxide (aq) 🡪

5. iron (II) (s) and copper (II) sulfate (aq) 🡪

6. silver (s) exposed to oxygen ….. 🡪

7. hydrogen gas and oxygen gas 🡪