

Questions

1. What happens when an acid is mixed with an active metal?

Fizzing happens, this is because of the chemical reaction caused by the hydrogen gas

2. What are the reactants

The reactants are the active metal(s) used

3. What are the products?

Salt, hydrogen gas, the thing the reactant is reacting to

4. What is the pop test?

The pop test is when you hold a light (such as a lit candle) over a test tube filled with hydrogen, if it is done correctly it should pop.

Questions 2

1. When two substances are mixed together and they fizz, what is this a sign of?

That the reactant and the product have performed a chemical reaction

2. What are the reactants in an acid/carbonate reaction?

Acid and Carbonate

3. What are the products in an acid/carbonate reaction?

Salt, water and carbon dioxide

4. What is the taper test? What do you expect to happen when using this test with an acid/carbonate reaction?

With carbon dioxide in a test tube insert a lit candle, the carbon dioxide will cause the flame to go out.