

Types of Chemical reaction

Score _____

1. A synthesis is a type of chemical reaction in which two or more substances combine and form one compound

T True
 F False

2.

----- reaction, one compound breaks down and forms two or more substances.

A Synthesis
 B decomposition
 C displacement
 D combustion

3. Identify the synthesis reaction

A $H_2 + Cl_2 \rightarrow 2HCl$
 B $2H_2O \rightarrow 2H_2 + O_2$
 C $CaCO_3 \rightarrow CaO + CO_2$
 D $H_2O_2 \rightarrow H_2 + O_2$

4. Identify the decomposition reaction

A $H_2 + Cl_2 \rightarrow 2HCl$
 B $C + O_2 \rightarrow CO_2$
 C $CaCO_3 \rightarrow CaO + CO_2$
 D $2Mg + O_2 \rightarrow 2MgO$

5. Type of chemical reaction in which two or more substances combine and form one compound

A Synthesis
 B decomposition
 C displacement
 D combustion