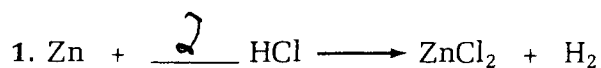
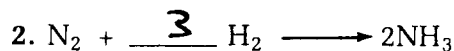


WORKING WITH CHEMICAL EQUATIONS

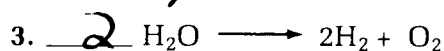
Each of the chemical equations in the group below has a blank space in front of one of the formulas. Balance the equations by placing the correct number in each of the blanks. Then write a word equation below each of the chemical equations.



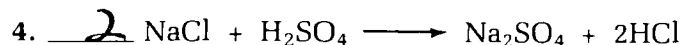
Zinc + Hydrochloric Acid \longrightarrow Zinc Chloride + Hydrogen



Nitrogen + Hydrogen \longrightarrow Ammonia



Water \longrightarrow Hydrogen + Oxygen

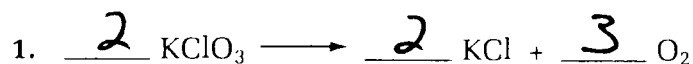


Sodium Chloride + Sulfuric Acid \longrightarrow Sodium Sulfate + Hydrochloric acid

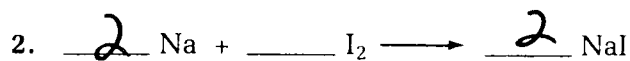


Iron + hydrochloric acid \longrightarrow Iron Chloride + Hydrogen

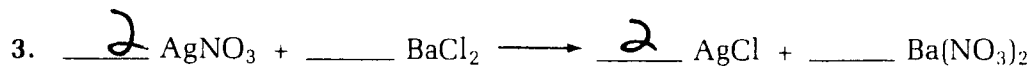
Balance the following equations. Then write the name of the kind of chemical reaction (composition, decomposition, single replacement, or double replacement) in the blank that follows each equation.



1. Decomposition



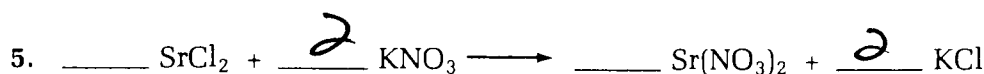
2. Synthesis



3. D. Replacement



4. S. Replacement



5. D. Replacement