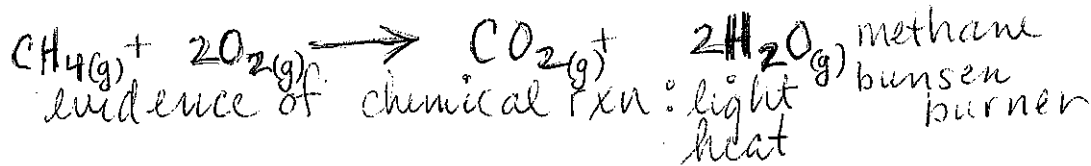


Combustion



OBSERVATIONS

Reactions Before reaction: During: After reaction:

A. Combination (Synthesis)

1. Cu

emit light

black, dark brown

2. Mg

emit light

gray-white, ash

B. Decomposition

3. CuCO_3

black, dark brown

C. Single Replacement

4. $\text{Zn} + \text{HCl}$

fizz, bubbles

5. $\text{Zn} + \text{CuSO}_4$

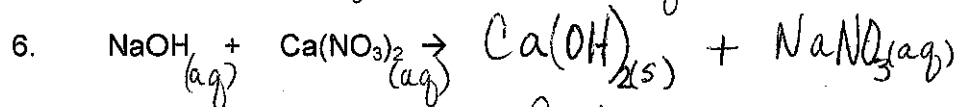
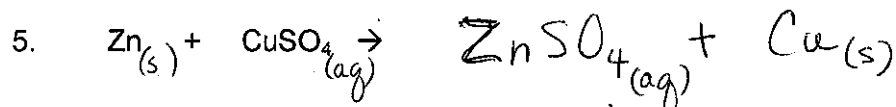
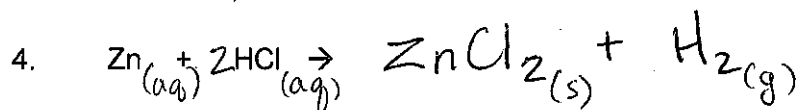
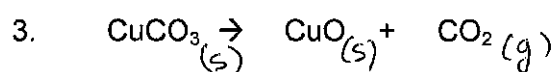
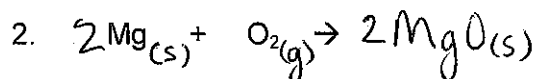
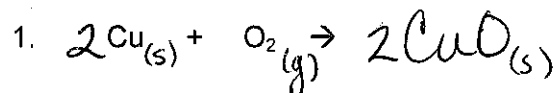
color change of metal and sol'n

D. Double Replacement

6. $\text{NaOH} + \text{Ca}(\text{NO}_3)_2$

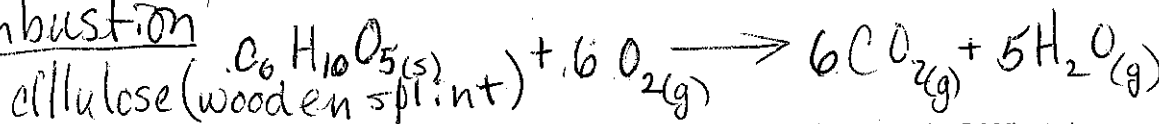
cloudy white

COMPLETE AND BALANCE THE EQUATIONS FOR THE REACTIONS:



evidence of chemical rxn: emit light, heat

Combustion



What happened when you put the burning splint in the $\text{Zn} + \text{HCl}$ test tube? What does this show the presence of?

