Balancing & Types of Reactions

Review

Correctly balance the following equations **AND** state what type of reaction it is.

1. \_\_\_H2 + \_\_\_O2 -----> \_\_\_H2O
2. \_\_\_Al + \_\_\_CuCl2 -----> \_\_\_AlCl3 + \_\_\_Cu
3. \_\_\_Na2SO4 + \_\_\_Pb(NO3)2 -----> \_\_\_NaNO3 + \_\_\_PbSO4
4. \_\_\_CH4 + \_\_\_O2 -----> \_\_\_CO2 + \_\_\_H2O
5. \_\_\_H2O2 -----> \_\_\_H2O + \_\_\_O2
6. \_\_\_P + \_\_\_O2 -----> \_\_\_P2O5
7. iron (III) chloride + sodium hydroxide --> iron (III) hydroxide + sodium chloride
8. sodium + water --> sodium hydroxide + hydrogen gas
9. sulfur + oxygen --> sulfur trioxide
10. magnesium + hydrochloric acid --> magnesium chloride + hydrogen