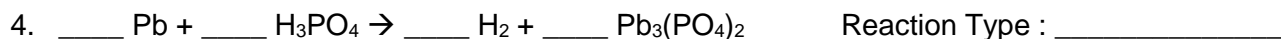
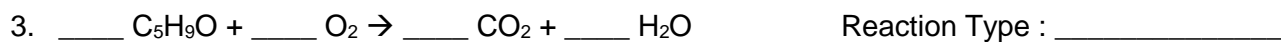
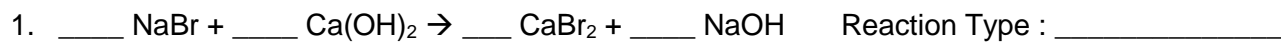


Types of Chemical Reaction Worksheet

Balance the reactions **1 to 6** and indicate which type of chemical reaction (synthesis, decomposition, single-displacement, double-displacement or combustion) is being represented:



Indicate which type of chemical reaction (synthesis, decomposition, single-displacement, double-displacement or combustion) is being represented in 7 to 20.



A-B problems!

Worksheet: Writing Equations

Write equations for the following reactions:

- 1) The reaction of ammonia with iodine to form nitrogen triiodide (NI_3) and hydrogen gas.
- 2) The combustion of propane (C_3H_8).
- 3) The incomplete combustion of propane to form CO and water.
- 4) The reaction of nitric acid with potassium hydroxide.
- 5) The reaction of copper (II) oxide with hydrogen to form copper metal and water.
- 6) The reaction of iron metal with oxygen to form iron (III) oxide.
- 7) The complete combustion of 2,2-dimethylpropane (C_4H_{10}) in oxygen.
- 8) The reaction of AlBr_3 with $\text{Mg}(\text{OH})_2$
- 9) The decomposition of hydrogen peroxide to form water and oxygen.
- 10) The reaction of ammonia with sulfuric acid.