

Worksheet 13 DOUBLE DISPLACEMENT REACTIONS

Predict the products and write balanced chemical equations for each pair of reactants.

Balanced Equation	
1. ___AgCl _(s) + ___Mg(OH) _{2(aq)} → _____ + _____	
2. ___Ca(OH) _{2(aq)} + ___Mg(HCO ₃) _{2(aq)} → _____ + _____	
3. ___KOH _(aq) + ___H ₃ PO _{4(aq)} → _____ + _____	
4. sulfuric acid and aluminum hydroxide _____ + _____ → _____ + _____	
5. strontium bromide and ammonium carbonate _____ + _____ → _____ + _____	
6. hydrogen sulfide gas and solid lead(II)chromate _____ + _____ → _____ + _____	

COMPLETE HYDROCARBON COMBUSTION

Write a balanced chemical equation for the complete combustion of the following:

Balanced Equation	
1. ___ C ₃ H _{8(g)} + _____ → _____ + _____	
2. ___ C ₈ H _{18(l)} + _____ → _____ + _____	
3. ___ C ₆ H _{14(l)} + _____ → _____ + _____	

