

Science Help Online Worksheet 8-2a Classification of Chemical Reactions

Name _____

Section _____

Identify the following chemical equations by type.	
1. $C_4H_8 + 6O_2 \rightarrow 4CO_2 + 4H_2O$ <i>Combustion</i>	2. $HCl + NaOH \rightarrow H_2O + NaCl$ <i>double replacement</i>
3. $2KNO_3(s) \rightarrow 2KNO_2(s) + O_2(g)$ <i>decomposition</i>	4. $AgNO_3 + NaCl \rightarrow NaNO_3 + AgCl$ <i>double replacement</i>
5. $2Mg + O_2 \rightarrow 2MgO$ <i>synthesis</i>	6. $2Ag + S \rightarrow Ag_2S$ <i>synthesis</i>
7. $MgCO_3(s) \rightarrow MgO(s) + CO_2(g)$ <i>decomposition</i>	8. $Cl_2 + 2KBr \rightarrow 2KCl + Br_2$ <i>double replacement</i>

Please forward all questions, comments and criticisms to [Gregory L. Curran](#).

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