

Announcements

Wednesday, March 11, 2009

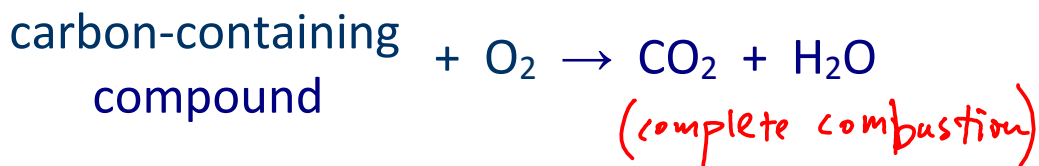
Ch 7 and 8 MC is available

- Ch 7 due Wed Mar 25
- Ch 8 due Mon Mar 30

Discussion assignment 1 will close
March 30 - replies due then. Discussion
assignment 2 will start after spring break.

Other reaction types

1. Combustion reaction (fire or flame are produced)



Write a balanced chemical equation for the complete combustion of propane, C₃H₈.



2. Decomposition reaction: 1 reactant decomposes into 2 or more products



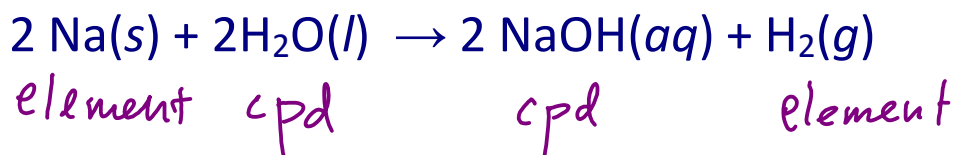
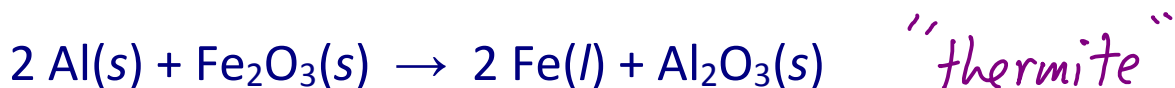
catalysts speed up reactions but are not consumed by the reaction - they are common in decomposition reactions



Other reaction types

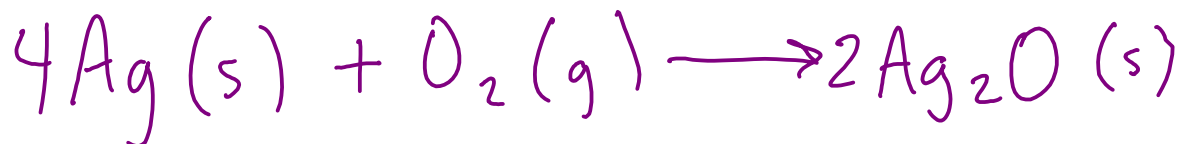
3. Single-displacement reaction: 1 element is replaced by another

(an element + a compound \rightarrow
another element + another compound)



4. Synthesis reaction: 2 or more reactants form 1 product

Write the synthesis reaction that silver and oxygen will undergo.



Review: reaction types

- Double displacement



- Combustion



- Decomposition



- Single displacement



- Synthesis *write eqn*



*predict pdts / phase labels
identify ppt*

write eqn for any $\frac{c}{cpd}$

to identify only