

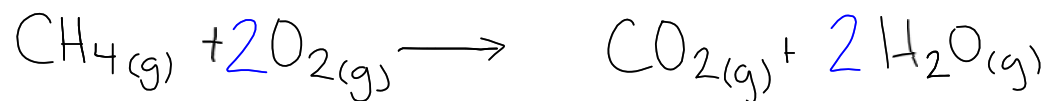


Lesson 15: Hydrocarbon Combustion Reactions

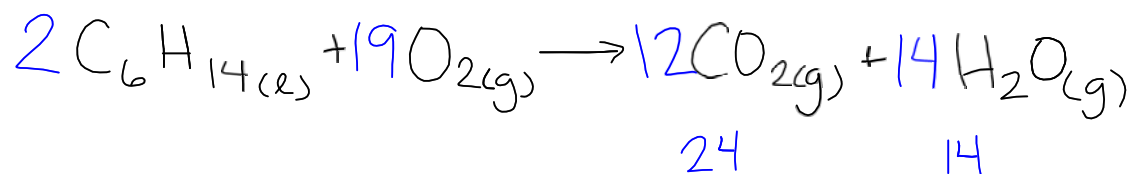
- General formula is C_xH_y
- A reaction with oxygen is fast and exothermic
- Products are carbon dioxide and water vapour
- Listed on page 5 of data booklet

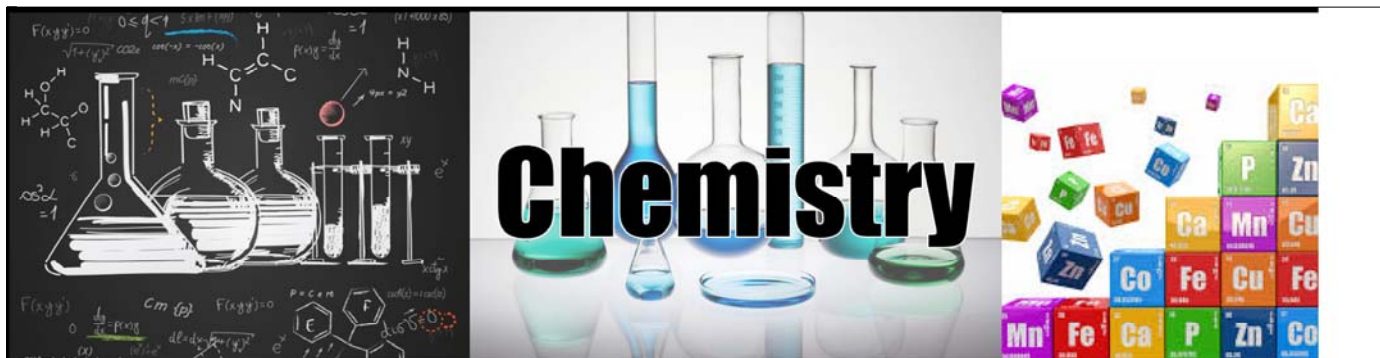
Ex.) Write and balance the following hydrocarbon combustion reactions:

a) methane + oxygen



b) hexane + oxygen

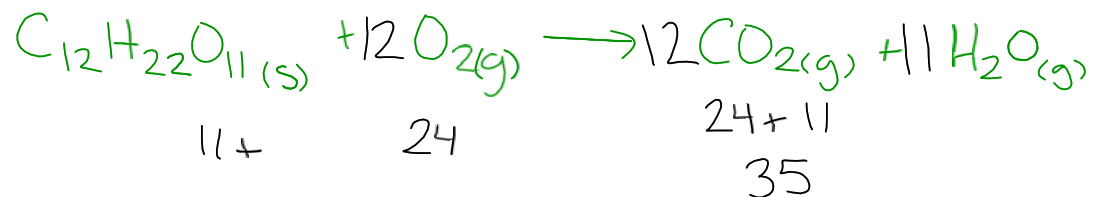




c) ethyne + oxygen



d) combustion of sucrose



Worksheet