

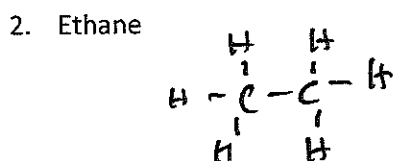
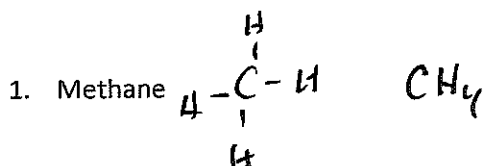
R8- Standard: #1-2

Chemistry

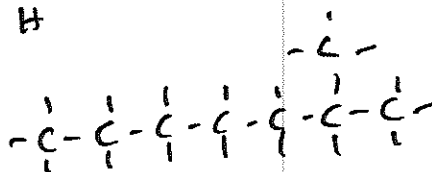
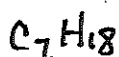
Review of Combustion Reactions #1

Objective: (#3- bonding)

- Draw out a structure
- write out a formula of the substance.



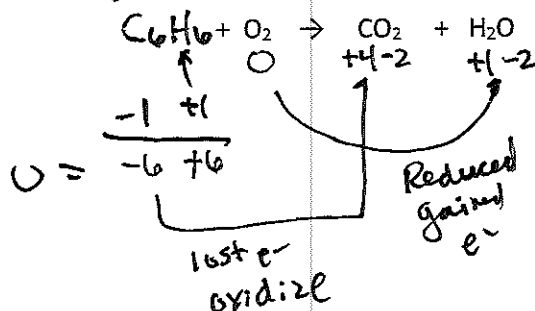
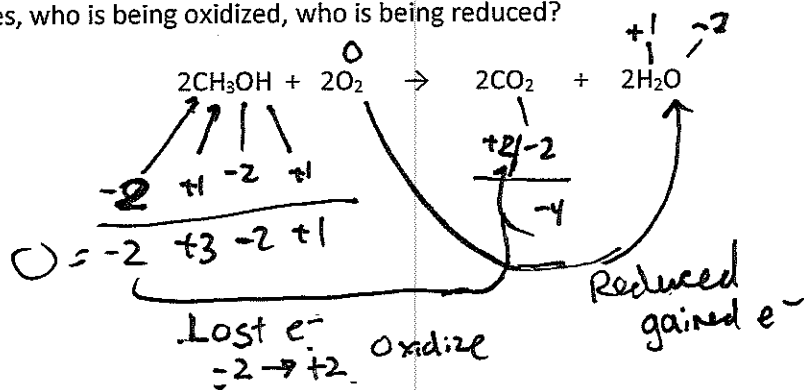
3. 2-methyl heptanes



Objective: #5: Are combustion reactions redox reactions?

In the following reaction,

- write down the oxidation states
- Is this an oxidation/reduction reaction?
- If yes, who is being oxidized, who is being reduced?



Note: Second example is not balanced... to do this problem the balancing is not needed. This issue is asking, is the substance inherently gaining or losing  $e^-$  and the balancing simply indicates how many times we are cycling through this process.