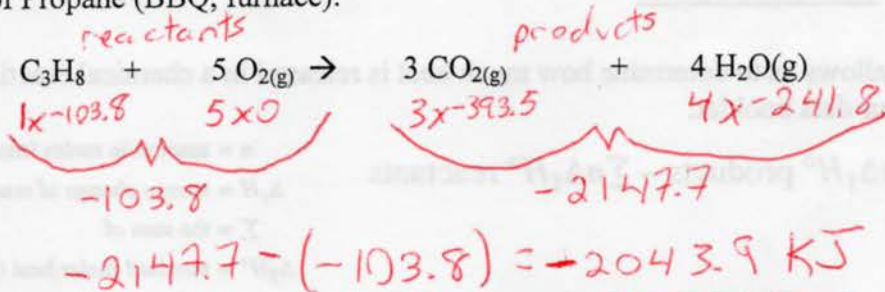
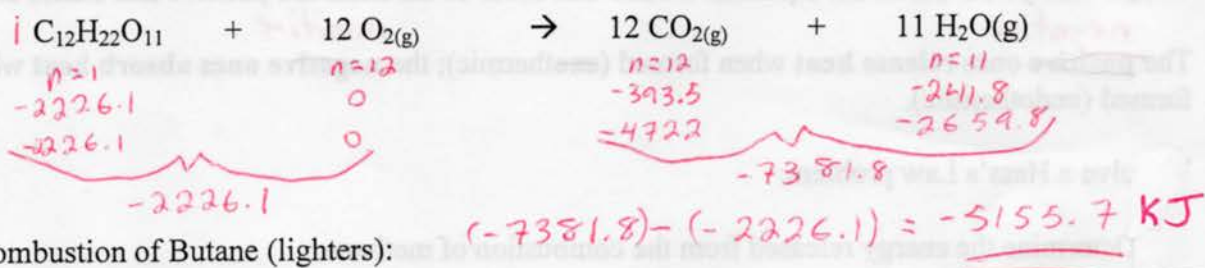


1. Determine the energy released from each reaction.

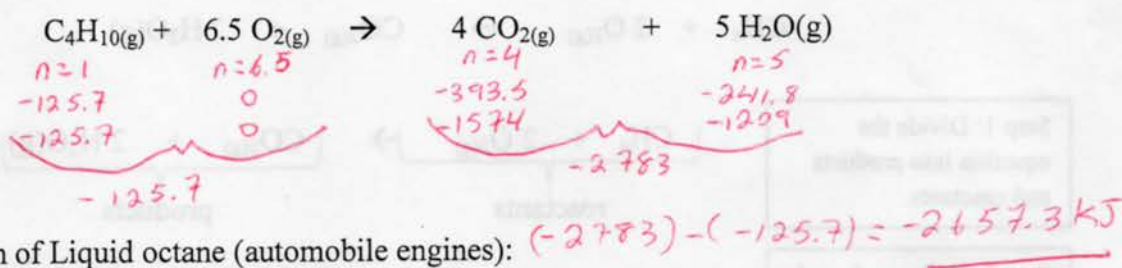
a) Combustion of Propane (BBQ, furnace):



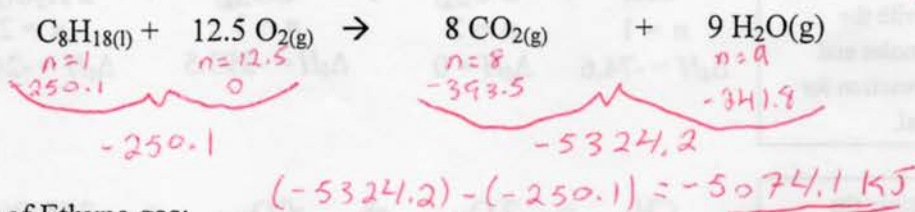
b) Combustion of Sucrose (in your body):



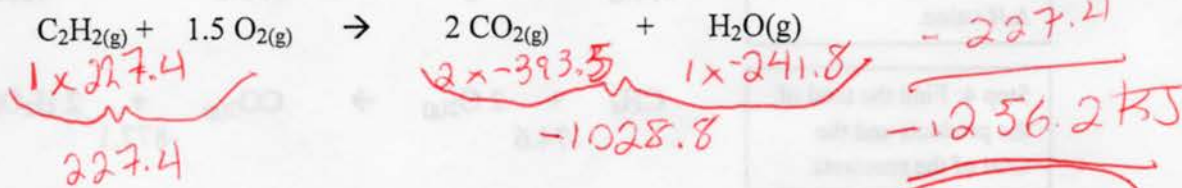
c) Combustion of Butane (lighters):



d) Combustion of Liquid octane (automobile engines):



e) Combustion of Ethyne gas:



2. From the above fuels which would be the best to use in our vehicles and why?

3. Were each of the reactions in problems 1,2,3 and 4 endothermic or exothermic? How can you tell?