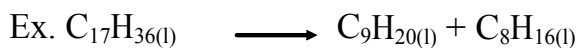


Hydrocarbons Quiz

Reactions

cracking - reaction in which hydrocarbons are broken into smaller fragments

- this reaction occurs in the absence of air, and **with a catalyst or heat**, to speed up the reaction.



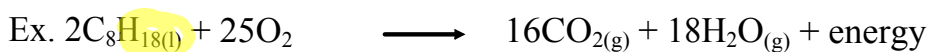
***atoms must be conserved!**

reforming - reaction in which large molecules are formed from smaller ones

- this reaction normally occurs with the help of a catalyst or heat



combustion - a reaction between a compound and oxygen to produce the most common oxides.



↑
"burning"

addition (hydrogenation) reaction - a reaction in which an unsaturated molecule reacts with hydrogen (diatomic).

