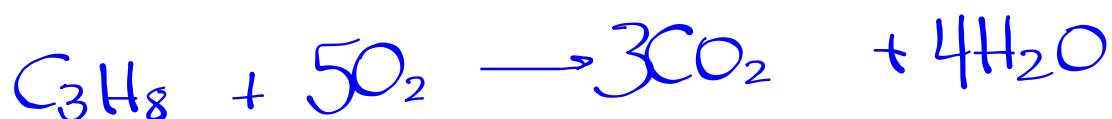


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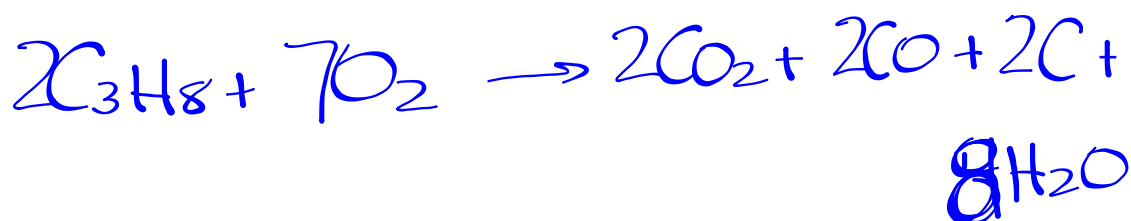
#1,3-5

#3. COMPLETE

propane + oxygen \rightarrow carbon dioxide + water vapor

Incomplete

propane + oxygen \rightarrow Carbon dioxide + Carbon monoxide + carbon + water vapor



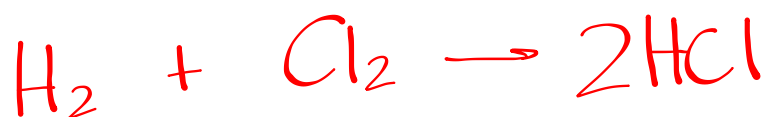
Types of Chemical Reactions

II. Synthesis (Combination) Reactions

The reactions of smaller atoms/molecules into larger molecules



Ex. hydrogen + chlorine \Rightarrow hydrogen chloride



Ex. $2Na + Cl_2 \Rightarrow 2NaCl$

Types of Chemical Reactions

III. Decomposition Reactions

Decomposition reactions typically involve splitting a larger molecule into elements or smaller molecules.



Ex. nitrogen triiodide \Rightarrow nitrogen + iodine



Homework

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