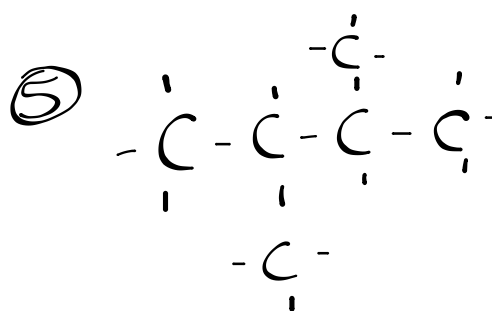
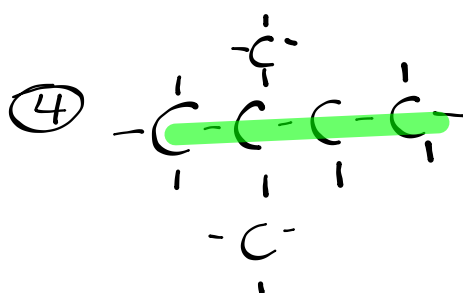
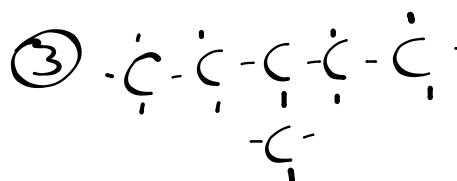
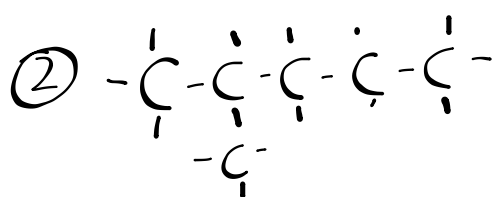
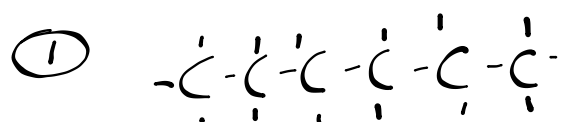
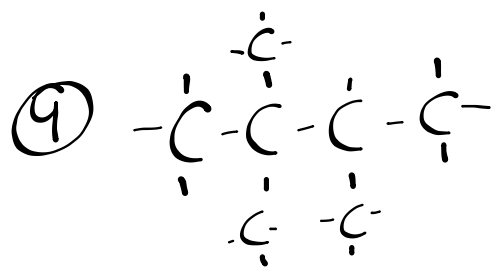
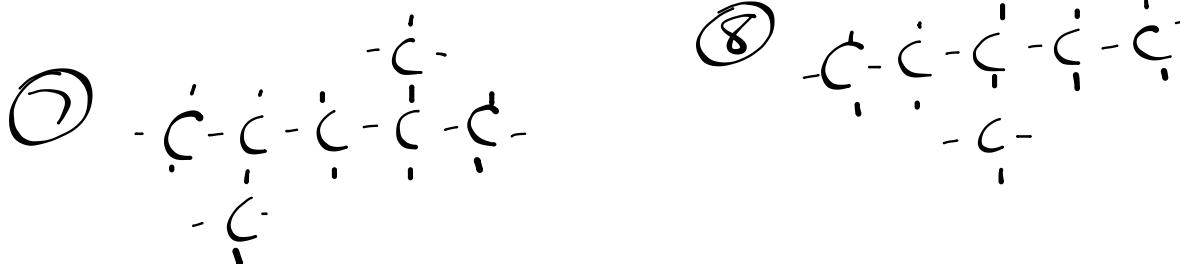
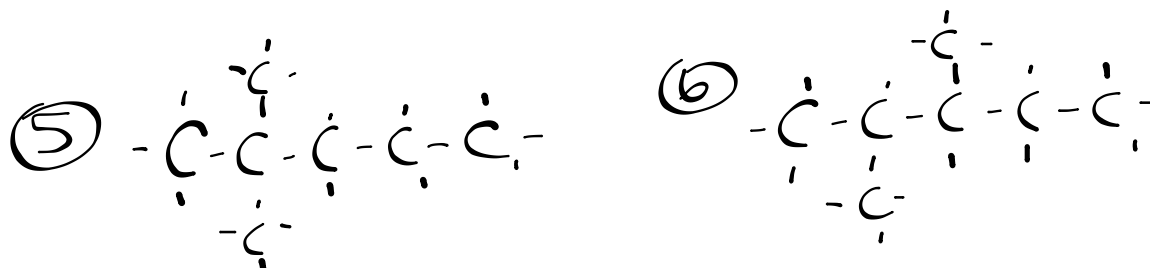
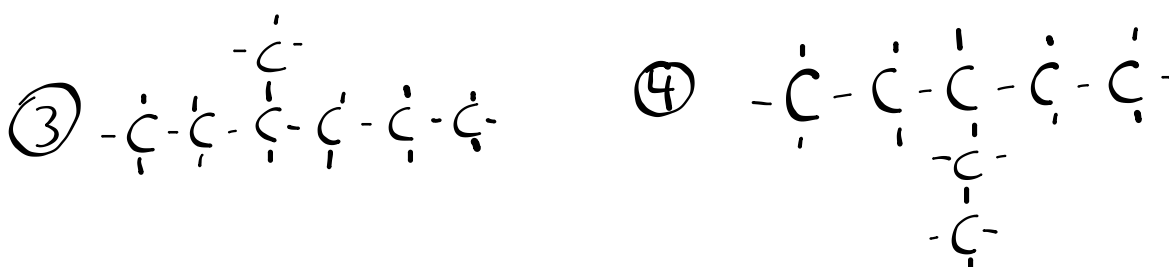
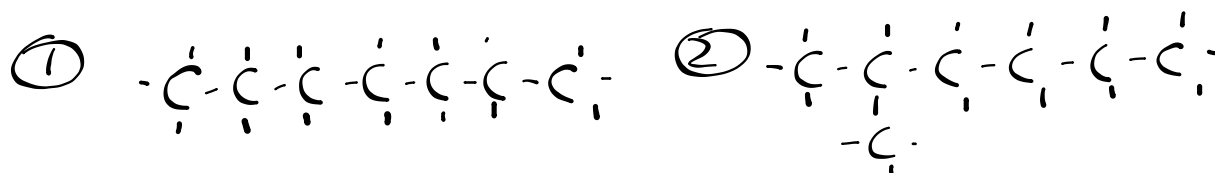
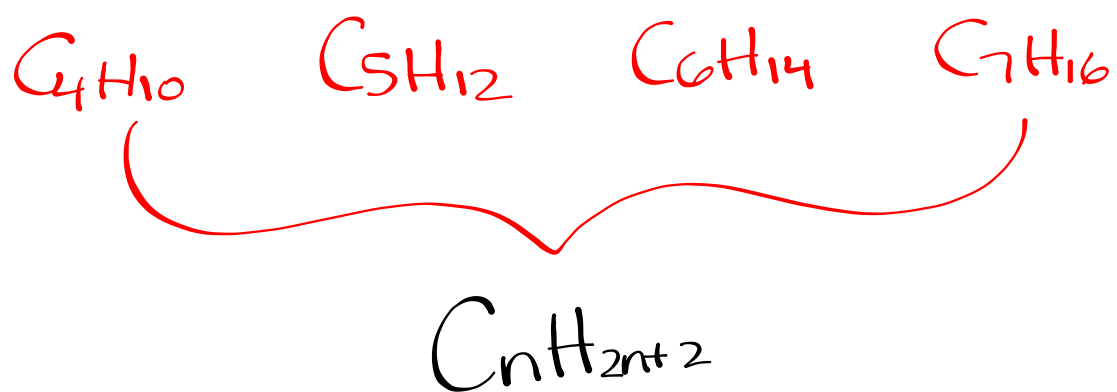


Draw all isomers of C_6H_{14}



Draw all isomers of C₇H₁₆



Organic Families

Organic families are classed according to functional groups. Functional groups are areas on a molecule that are reactive.

Hydrocarbons with general formula C_nH_{2n+2} contain all single bonds and are called **alkanes**.

Ex.

Hydrocarbons with general formula C_nH_{2n} contain one double bond (**alkenes**) or are cyclic (**cycloalkanes**).

"closed ring"

Hydrocarbons with a general formula C_nH_{2n-2} have a triple bond (**alkynes**) or are cyclic with a double bond (**cycloalkenes**).

Draw all isomers of C_5H_{10}

