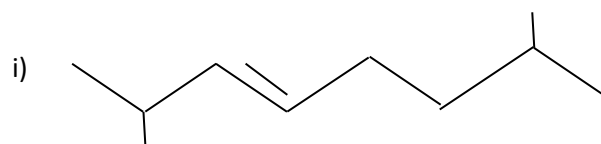
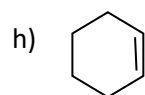
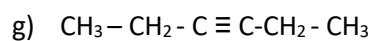
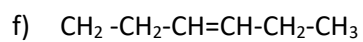
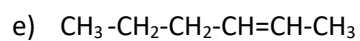
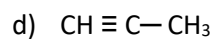
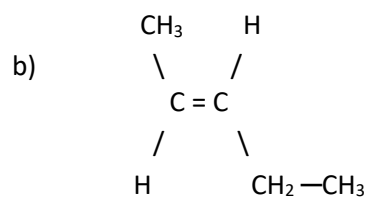
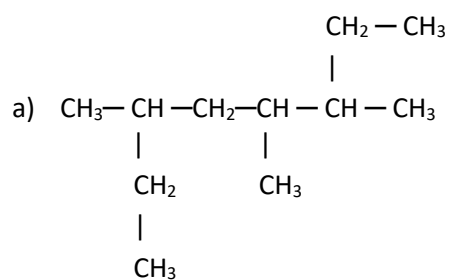


Use IUPAC naming rules to name the following hydrocarbon compounds:



Draw the skeleton and structural formula for each below:

IUPAC Name	Carbons only	Structural formula (you may draw it how you like, but it must include hydrogens)
butane		
2-methylhexane		
3-ethyl-2-methylnonane		
propene		
4-methyl-2-heptene		
ethyne		
5,6-dimethyl-2-octyne		
cyclopropane		
1,3-diethylcyclohexane		

EXTRA PRACTICE!!!! (IF YOU NEED IT)

## STRUCTURE OF HYDROCARBONS

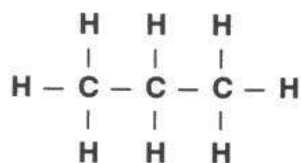
Draw the structure of the compounds below.

1. ethane	5. ethyne
2. propene	6. 3,3-dimethyl pentane
3. 2-butene	7. 2,3-dimethyl pentane
4. methane	8. n-butyne

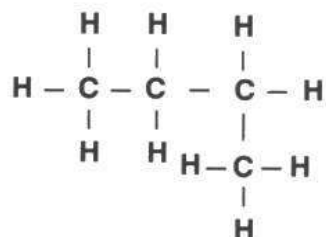
## NAMING HYDROCARBONS

Name the compounds below according to the IUPAC naming system

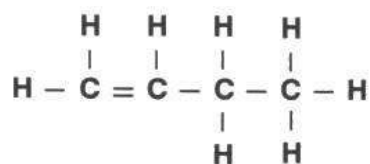
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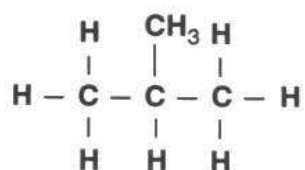
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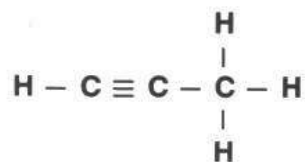
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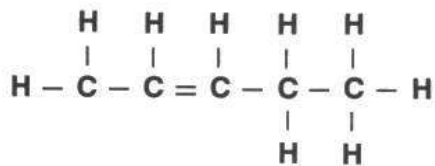
6.



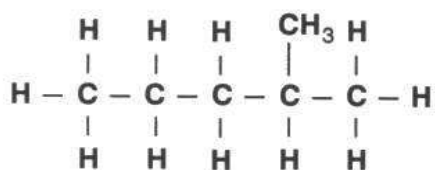
3.



7.



4.



8.

