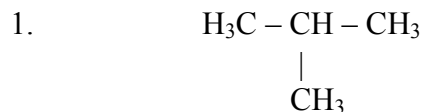


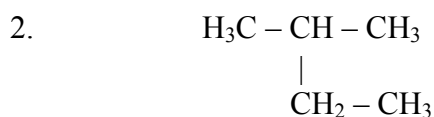
ALKANES

Worksheet #1

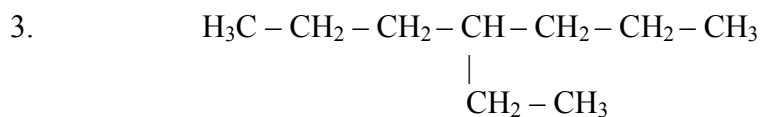
Name the following branched alkanes:



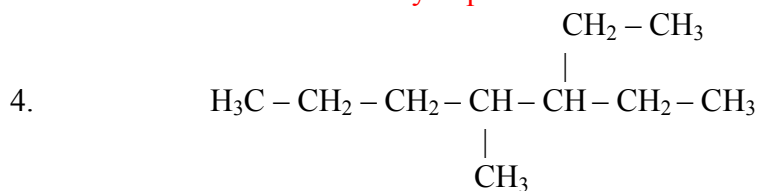
2-methylpropane



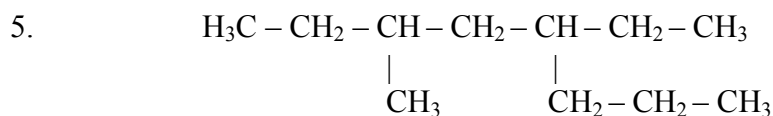
2-methylbutane



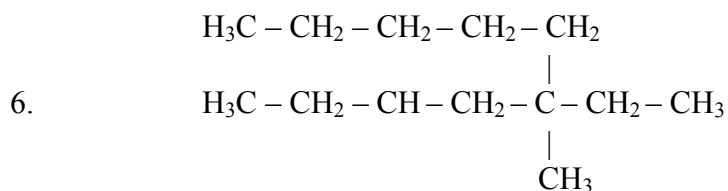
4-ethylheptane



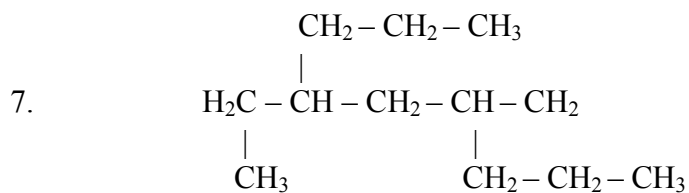
3-ethyl-4-methylheptane



5-ethyl-3-methyloctane



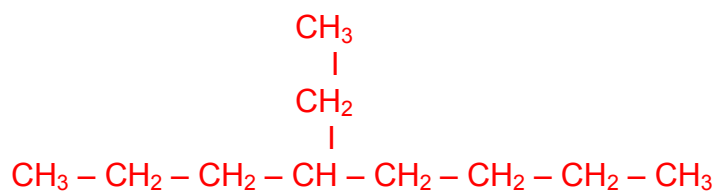
5-ethyl-5-methyldecane



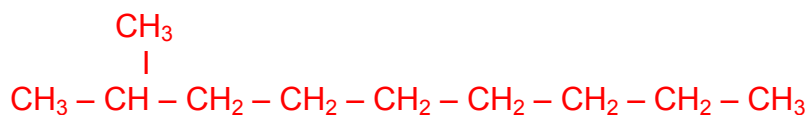
4-ethyl-6-methylnonane

Draw structural formulas for the following hydrocarbons:

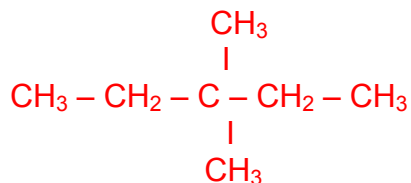
8. 4-ethyl-octane



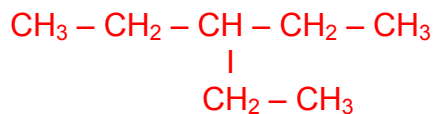
9. 2-methyl-nonane



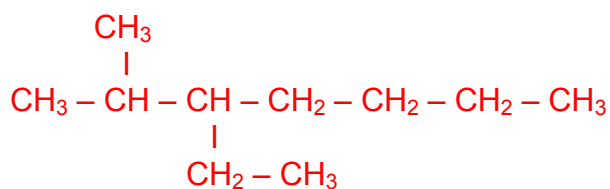
10. 3,3-dimethyl-pentane



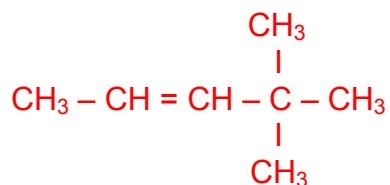
11. 3-ethyl-pentane



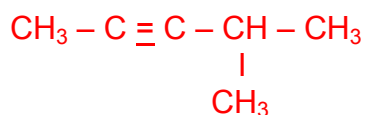
12. 3-ethyl-2-methyl-heptane



13. 4,4-dimethyl-2-pentene



14. 4-methyl-2-pentyne



15. 3-chloro-3-methyl-1-hexene

