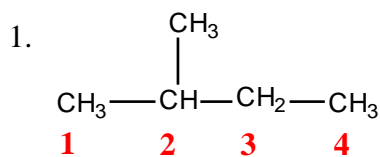


ORGANIC CHEMISTRY WORKSHEET ON NOMENCLATURE

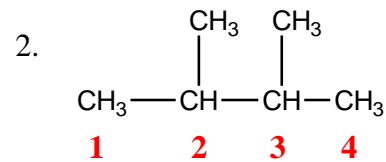
Chemistry 112

I. Alkanes

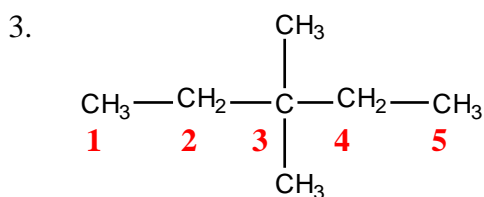
a. Give the IUPAC name for each of the following:



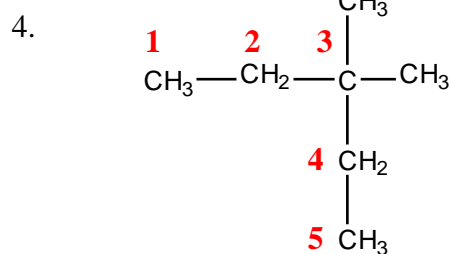
2-methylbutane



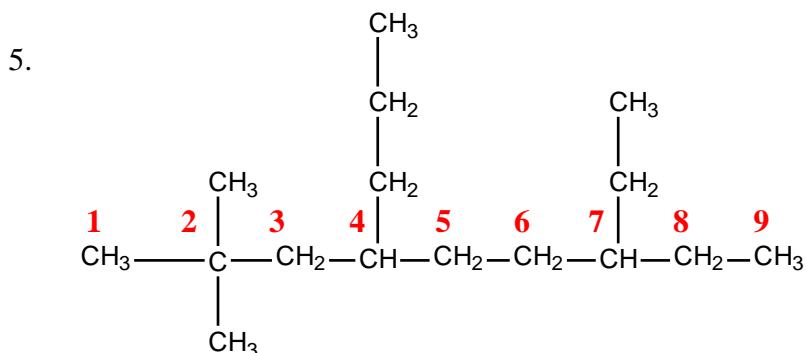
2,3-dimethylbutane



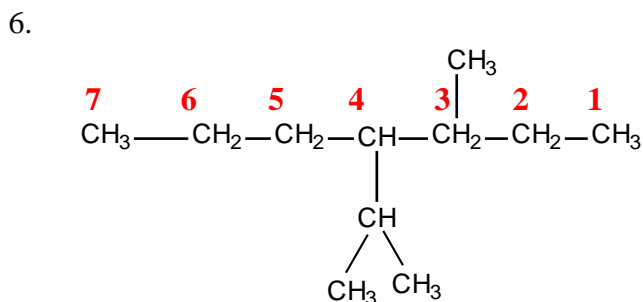
3,3-dimethylpentane



3,3-dimethylpentane



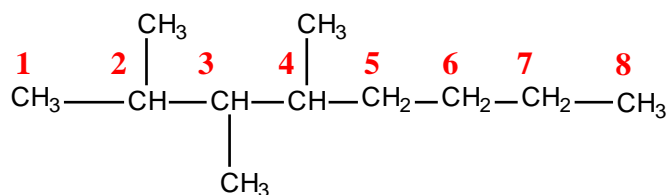
7-ethyl-2,2-dimethyl-4-propylnonane



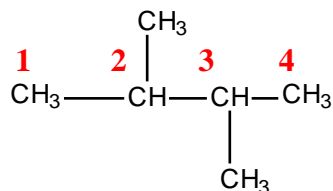
4-isopropyl-3-methylheptane

b. Write the structural formula for each of the following:

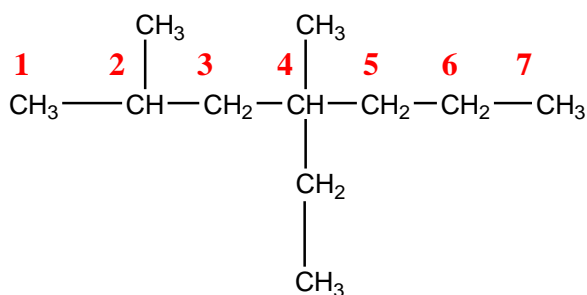
1. 2,3,4-trimethyloctane



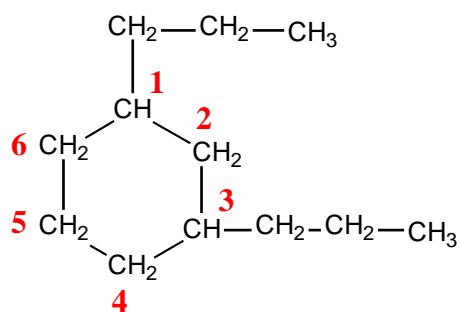
2. 2,3-dimethylbutane



3. 2,4-dimethyl-4-ethylheptane



4. 1,3-dipropylcyclohexane



II. Alkenes and Alkynes

a. Give the IUPAC name for each of the following:

