

Chemistry 2202
Alkanes, Alkenes and Alkynes Worksheet 1

For each of the following IUPAC names, draw a structural diagram:

(1) 2-methylpentane

(2) 3-ethylhexane

(3) 2,3-dimethylbutane

(4) octane

(5) cyclobutane

(6) 2,3-dimethylhexane

(7) trimethylbutane

(8) 2,2,3-trimethylpentane

(9) ethene (AKA ethylene)

(10) propyne

(11) methylpropene

(12) methyl-1-butyne

(13) dimethyl-2-butene

(14) 3-methyl-2-pentene

(15) cyclopropene

(16) 1,2-dimethylcyclobutene