

Power Point Study– 08-1 Alkyl Halide Nomenclature and Properties/Name:

1. Draw the structures of the following compounds:

Sec-butyl chloride

2,2-dichloro-3-methylbutane

chloroform

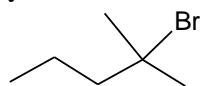
(Trans)-1-chloro-2-methylcyclohexane

1,2-dibromo-3-methylpentane

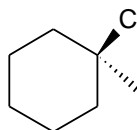
1-chloro-1-isopropylcyclopentane

2. Give the names of the following compounds. Identify them as primary, secondary and tertiary.

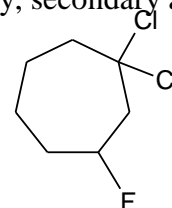
a)



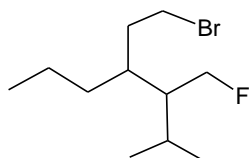
b)



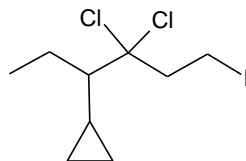
c)



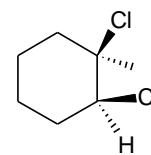
d)



e)



f)



3. Arrange in the order of increasing boiling point.

2-fluoropropane, 2-chloropropane, 2-iodopropane, 2-bromopropane