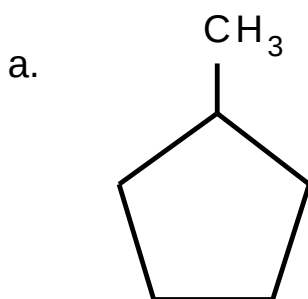
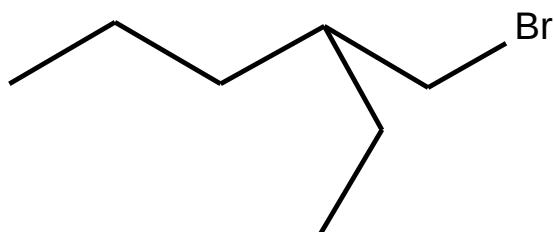


Organic Chemistry Week 1 test. 1st May 2009

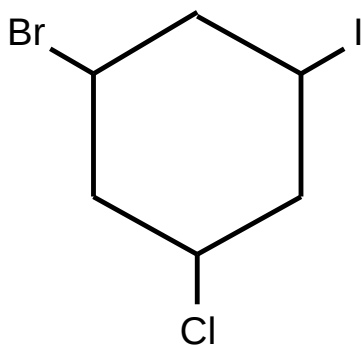
1. Carbon has an electronic structure of $1s^2 2s^2 2p^2$ giving it 2 bonding electrons. Methane, CH_4 , shows carbon bonded to 4 hydrogens. How is this possible?
2. Give the names of the EVEN alkanes (C_2 to C_{10})
3. What would be formula if I had C_{13} , C_{17} and C_{21} for an alkane?
4. Draw the following
 1. 1,3-methyl,2-chloro-cycloheptane
 2. nonane
 3. 1,5-dichloro,3-iodo-pentane
 4. 1,1,1-trichloromethane
 5. 1-chloro,2-iodo-butane
5. Name the following



b.



c.



d.

