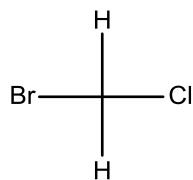


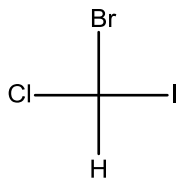
- I. Write the following definitions
  - a. Stereochemistry
  - b. Enantiomers
  - c. Diastereomers
  - d. Chiral
  - e. Chiral center
  - f. Achiral
  - g. Meso compound
  - h. Internal mirror plane
  - i. Optical activity
  - j. Levoratory
  - k. Dextratory
  - l. R configuration
  - m. S configuration
  - n. Racemix mixture
  - o. Prochiral

II. Label the following chiral, achiral or meso compounds

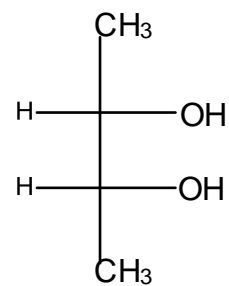
a.



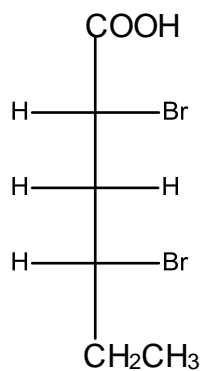
b.



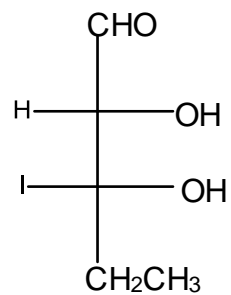
c.



d.

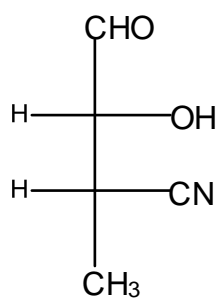


e.

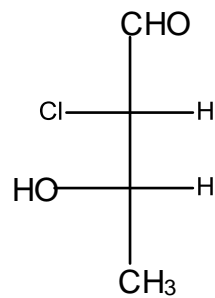


III. Label all chiral centers R or S

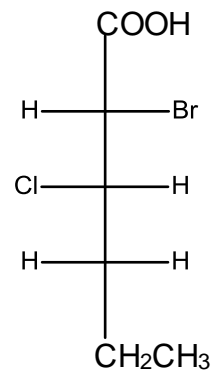
a.



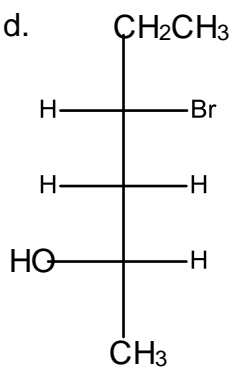
b.



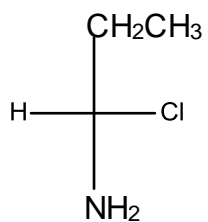
c.



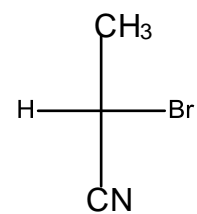
d.



e.



f.



IV. Label all pairs enantiomers, diastereomers, same compound or not isomers

