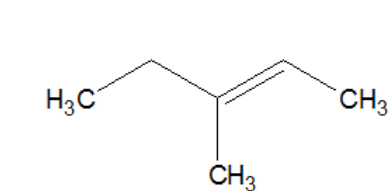
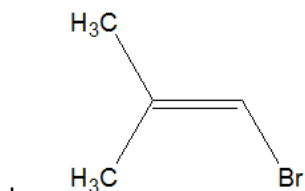


1. Name the following molecules using IUPAC rules



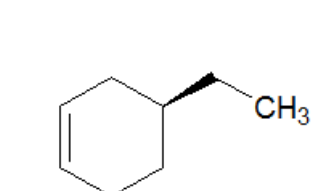
a.

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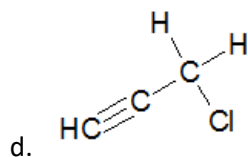
b.

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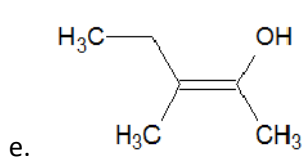
c.

\_\_\_\_\_



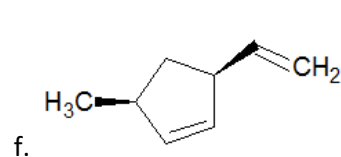
d.

\_\_\_\_\_



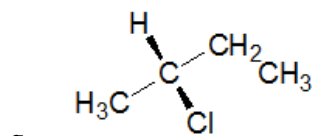
e.

\_\_\_\_\_



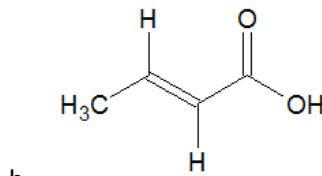
f.

\_\_\_\_\_



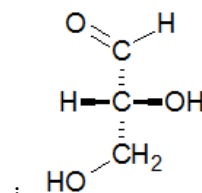
g.

\_\_\_\_\_



h.

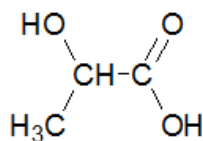
\_\_\_\_\_



i.

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2. Draw the two enantiomeric forms of lactic acid using both Fischer projection and geometric formulas (3D)



3. Correctly draw the structural/condensed formulas for the following

a. 1,4-cyclohexadiene

b. (z) 1-chloropropene

c. (6E) 2,6-dimethyl-2,6-octadiene

d. (S) 2-chlorobutane

e. (R) 3-bromocyclohexene

d. (2S,3R) 2,3-pentadiol