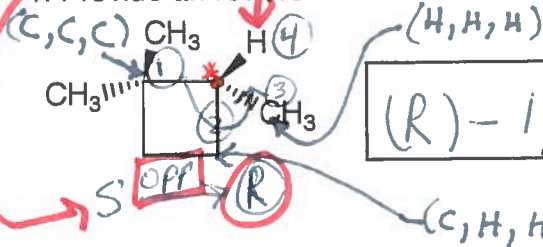


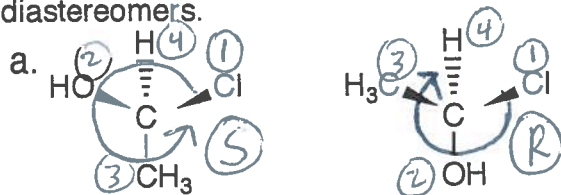
*toward viewer, so opposite the convention*

1. Provide an IUPAC name for the following compound.

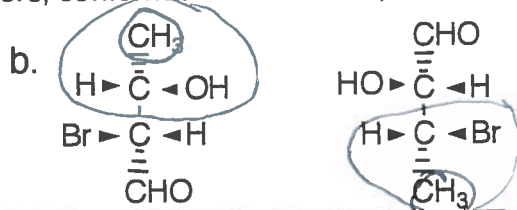


*(R)-1,1,2-trimethylcyclobutane*

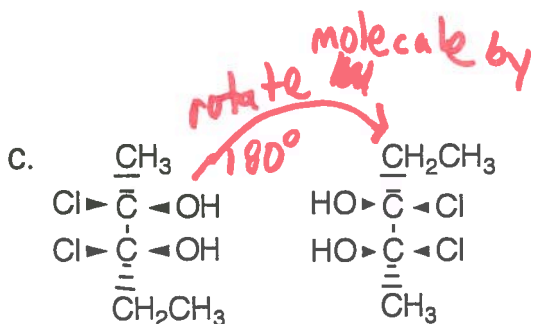
2. Label each of the following pairs as identical, structural isomers, conformational isomers, enantiomers or diastereomers.



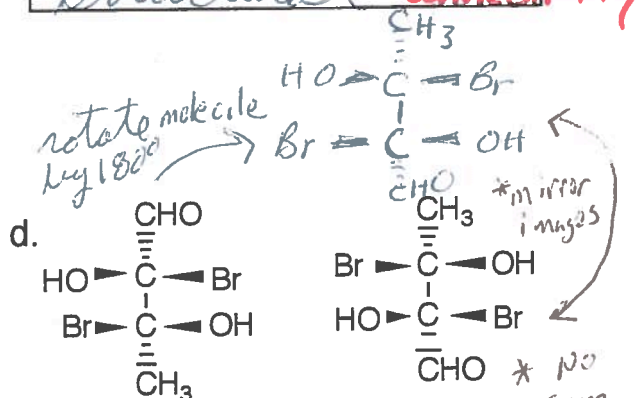
*enantiomers*



*structural - different connectivity*

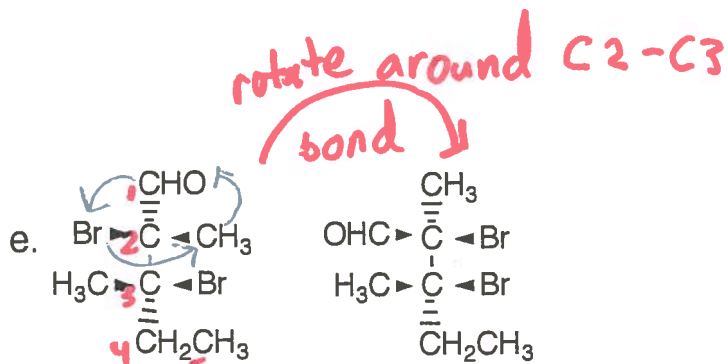


*identical*



*enantiomers - mirror images*

*NON superimposable mirror images*



*conformational - yes, these*

*are identical molecules, but the two representations are conformational isomers.*