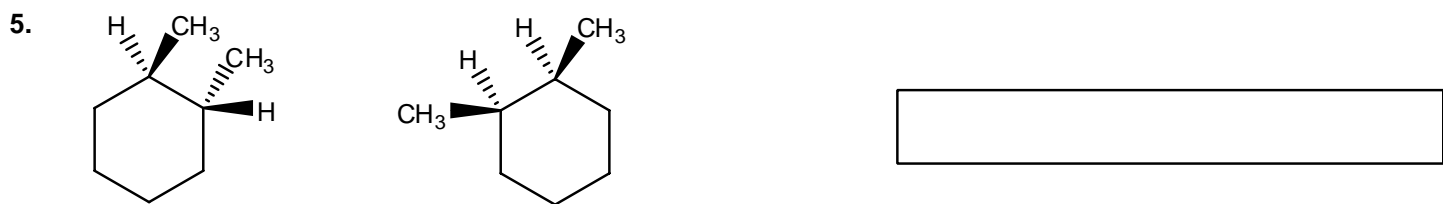
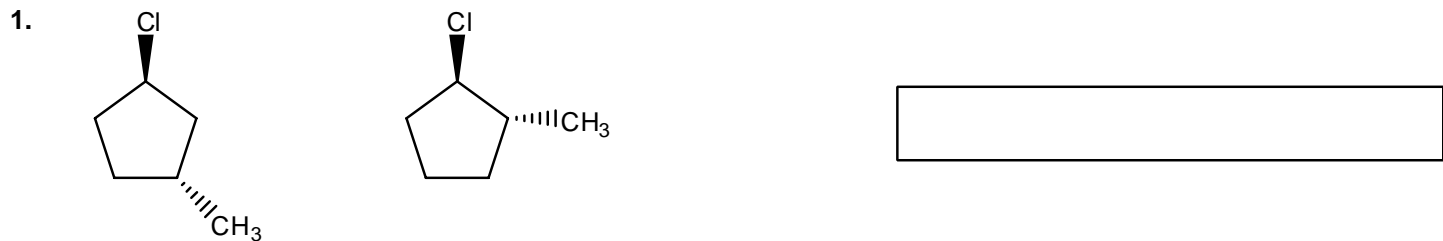
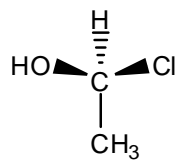
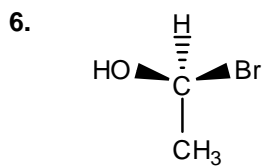
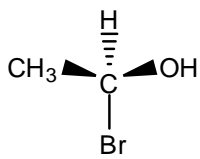
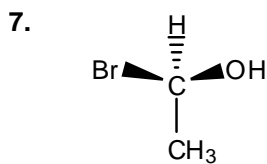


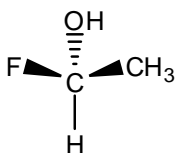
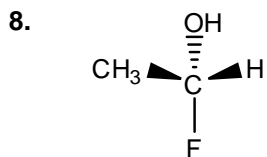
Chapter 05 Worksheet 03

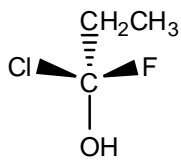
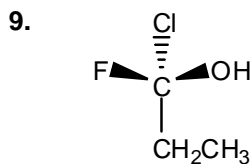
Label each of the following pairs as identical, structural isomers, enantiomers, diastereomers, conformational isomers, or different compounds.

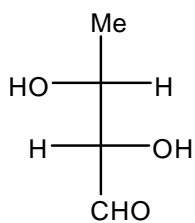
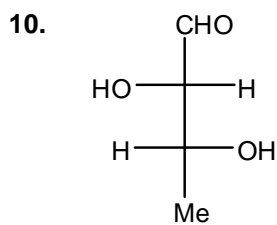


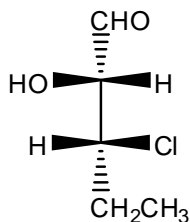
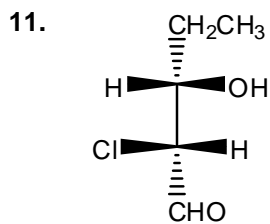


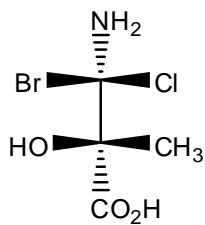
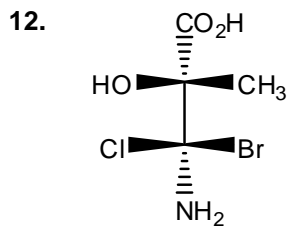




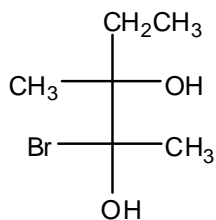
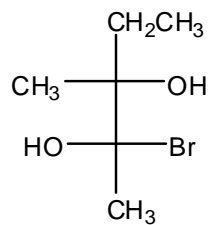




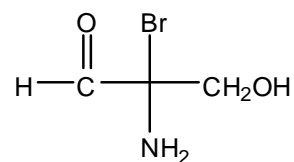
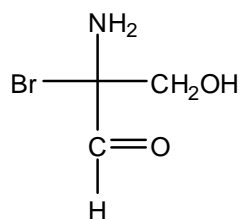




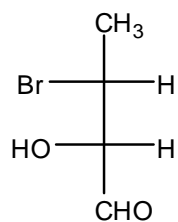
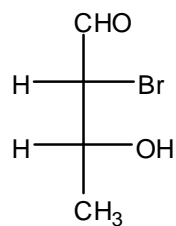
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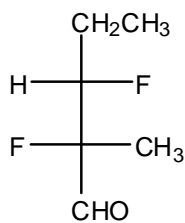
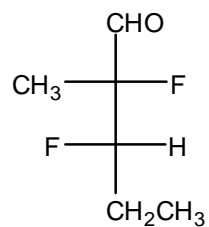
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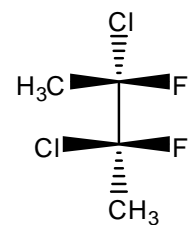
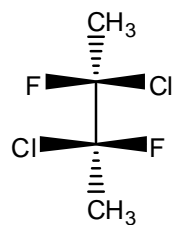
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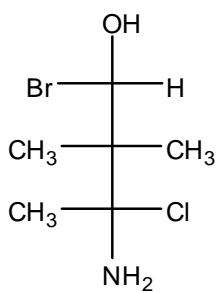
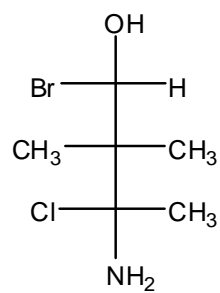
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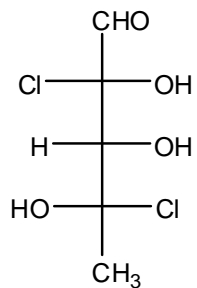
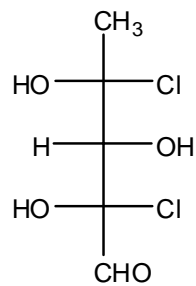
17.



18.

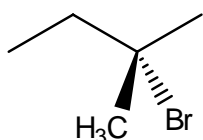


19.

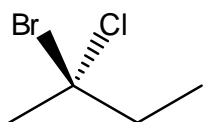


Give an acceptable IUPAC name for the following compounds.

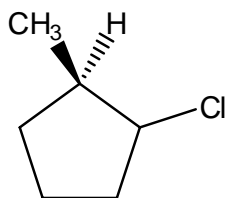
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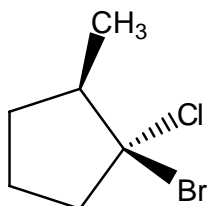
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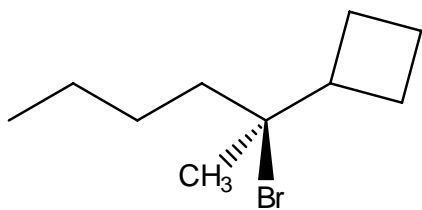
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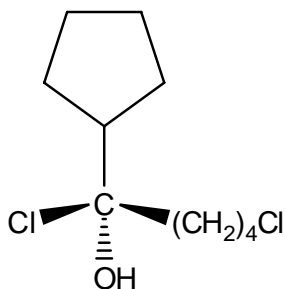
23.



24.

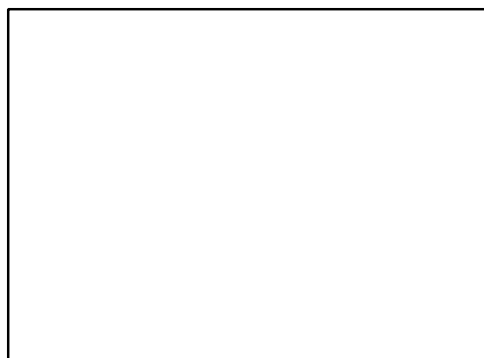


25.

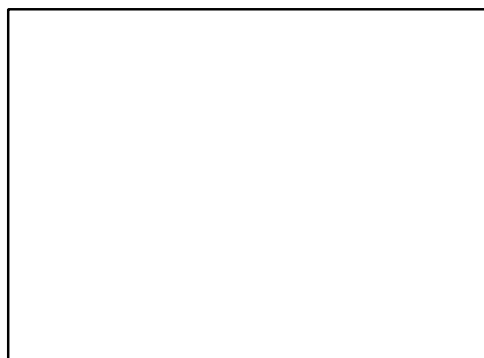


Draw a line angle structure for the given compounds marked with a *. Draw the remaining structures in Fischer projection form.

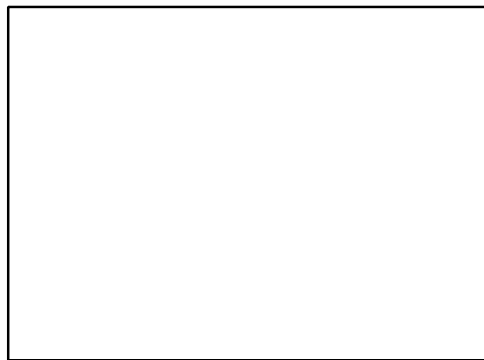
26. (R)-2-bromobutane



27.* Meso-1,2-dihydroxycyclohexane



28. (3R,4R)-3,4-dibromooctane



29.* (2R,3S)-2-bromo-3-iodoheptane



30.* (S)-3-methylhexane



31. (2S,3R)-2,3-dibromopentane

