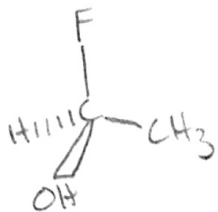
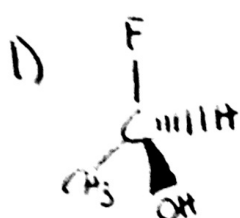


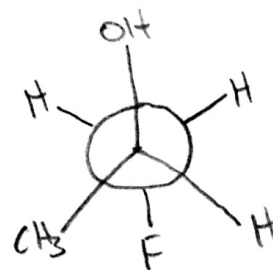
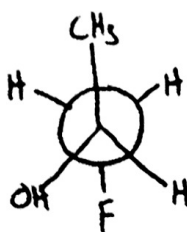
Trent Archie
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Stereochemistry

Enantiomers:

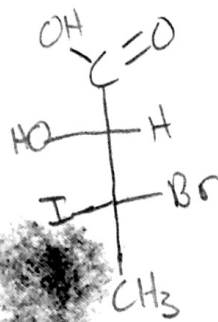
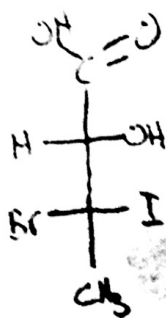
Draw enantiomers for each:



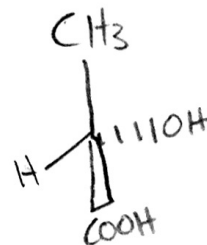
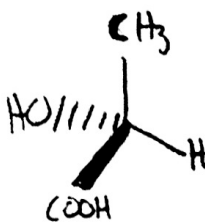
2)



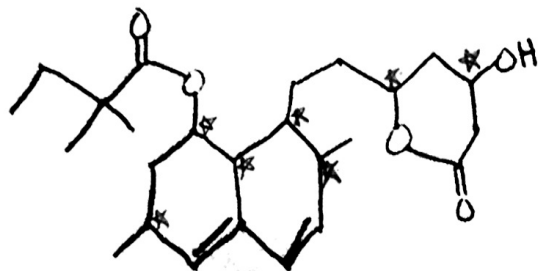
3)



4)



Indicate all carbons with a (*) and then calculate the total number of stereoisomers.



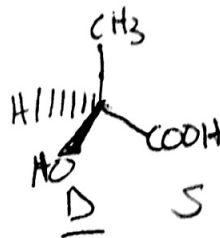
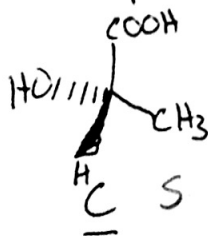
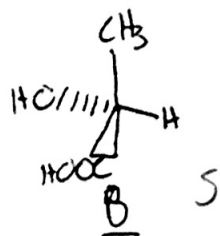
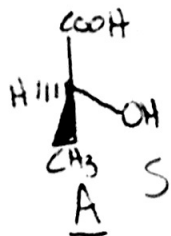
Stereoisomers

2^n

$n = 7$

$2^7 = 128$

Shown below are several stereorepresentations for lactic acid.



- 1) what is the configuration of A? S
- 2) which of the representations is/are identical to A? B, C, D
- 3) which of the representations is/are enantiomers to A? none.