CH101 Tutorial

1. Write all the possible stereoisomers for the following compound.

CH₃-CHCl-CHOH-CH₃

2. Transform the following compound in Fischer projection to Newman and Sawhorse projections with chlorine and fluorine anti to each other.

$$CH_3$$
 H
 F
 CI
 CH_3

3. Predict the absolute configurations (R & S) for the following compounds.

4. Which of the following compounds are chiral.