



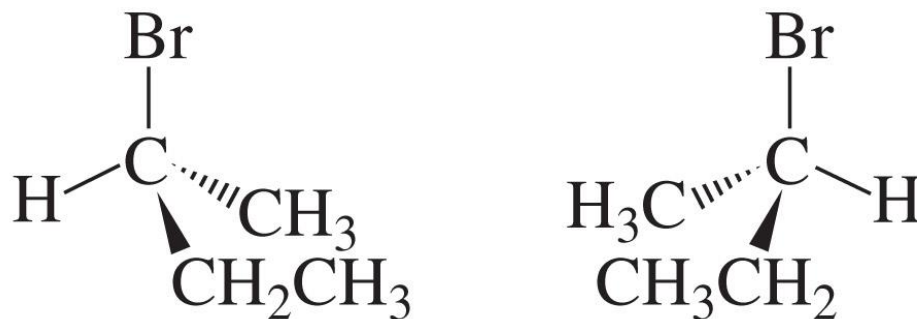
Fischer Projections (Lecture – 06)



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Fischer Projections

Perspective Formulas - shows two bonds of the asymmetric center as *lines in the plane of the paper*, another bond as a *solid wedge* protruding forward out of the paper, and the fourth bond as a *hatched wedge* extending behind the paper



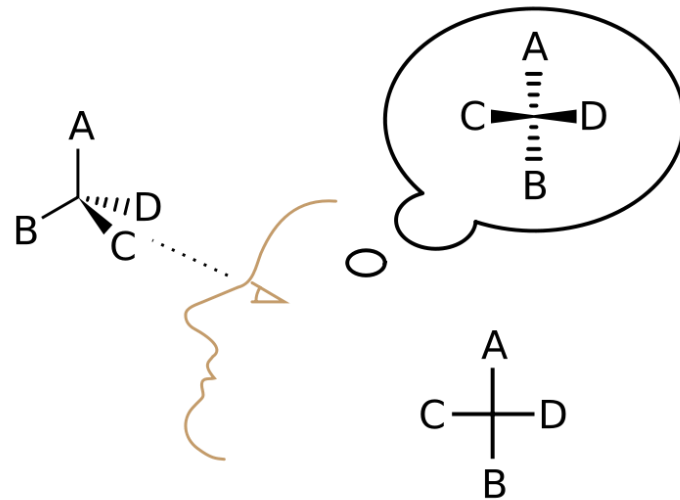
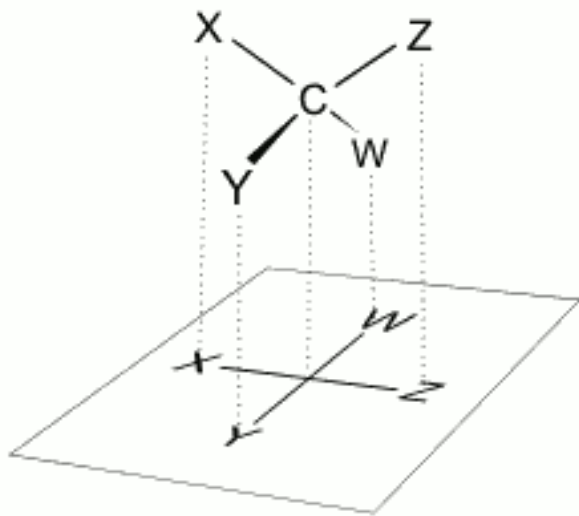
perspective formulas of the enantiomers of 2-bromobutane

Fisher Projection - representation of an asymmetric center as the point of intersection of two perpendicular lines

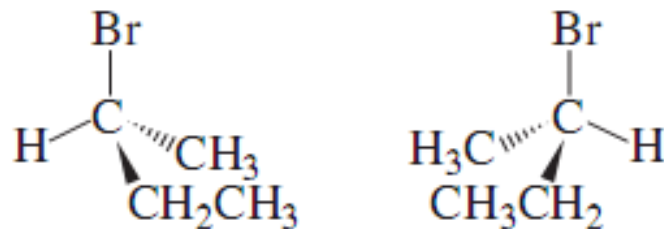
Horizontal lines represent bonds that project out of the plane of the paper

Vertical lines represent bonds that extend back from the plane of the paper away from the viewer

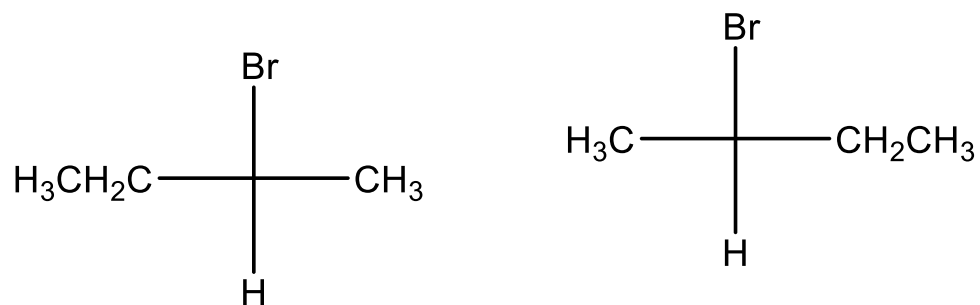
Fischer Projections



Fischer Projections



perspective formulas of the enantiomers of 2-bromobutane



Thank You