

Quiz #1

1. (10 points)

Draw a three-dimensional line-angle formula for the condensed formula, $\text{H}_3\text{CCH}_2\text{CBr}_2\text{CH}_2\text{CH}_3$. Annotate this formula with vectors to specify all polar covalent bonds. Then draw a separate vector-sum diagram to determine the overall molecular dipole moment.

2. (10 points)

Use IUPAC nomenclature to write the systematic name of the following alkane.

