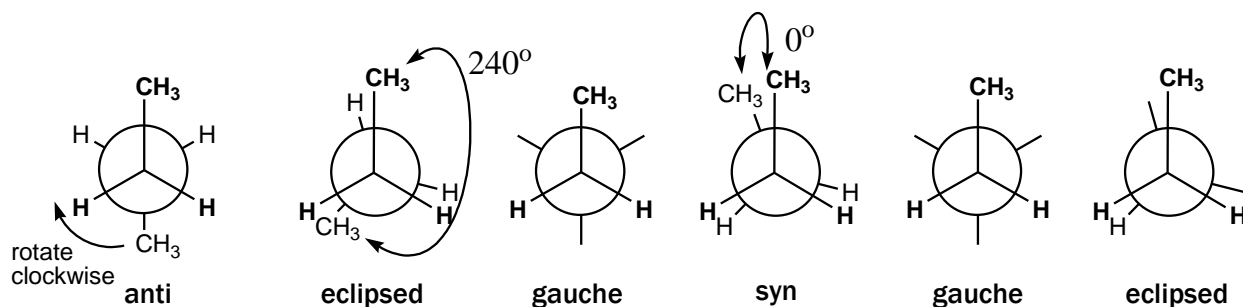
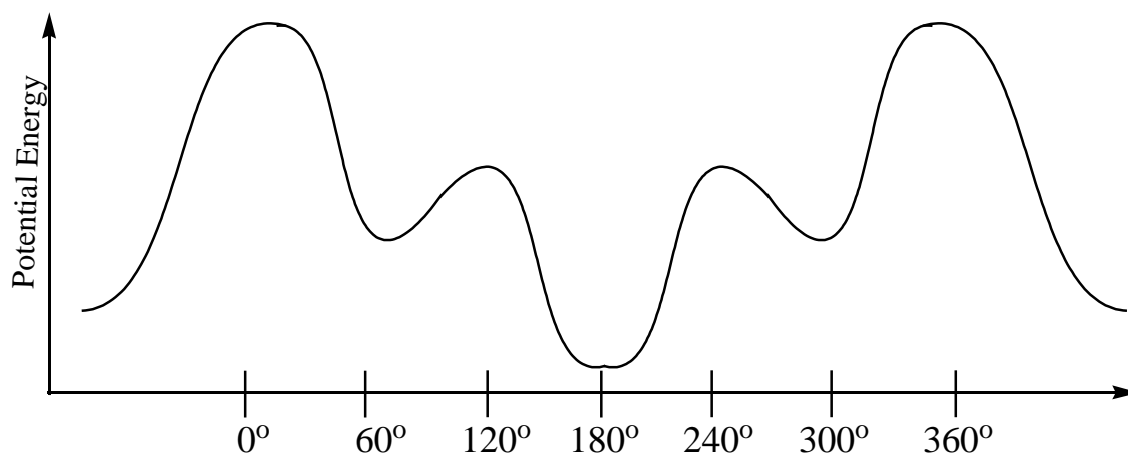


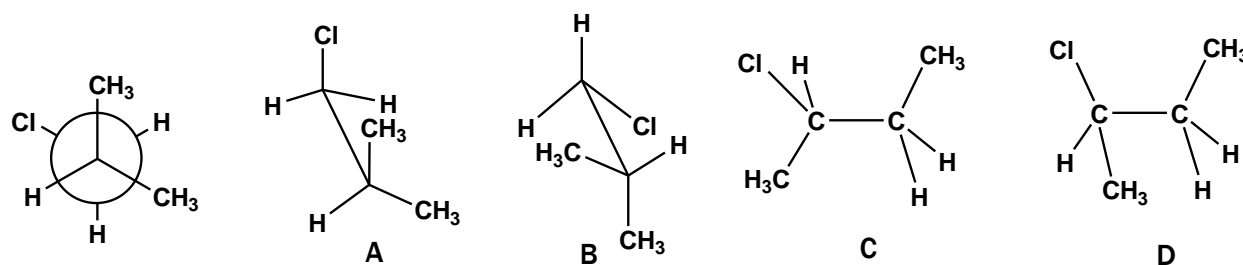
1. Complete the Newman projections below. Keep front carbon fixed and rotate rear carbon (clockwise) to generate the major conformations of butane.



2. Assign each conformation to the graph below:



3. Which sawhorse structure (A, B, C or D) represents the Newman projection shown?



4. Which sawhorse structure (A, B, C or D) represents the Newman projection shown?

