

CONCEPT: E2 - ANTI-COPLANAR REQUIREMENT

□ E2 reactions require an anti-coplanar arrangement in order for the orbitals to overlap and create a new pi bond.

- When this occurs on cyclohexane, the leaving group and beta-proton must be ***DIAXIAL*** to each other.

EXAMPLE: Identify which of the following E2 mechanisms would react to completion. Do not draw final products.

