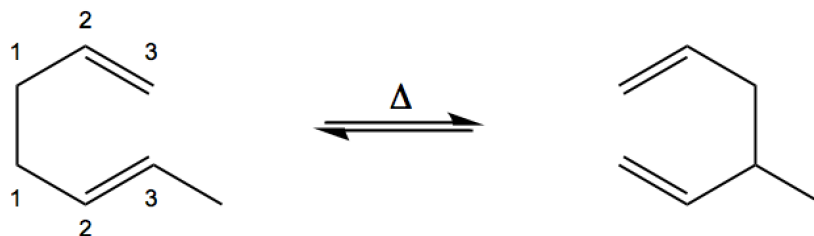


## CONCEPT: COPE REARRANGEMENT

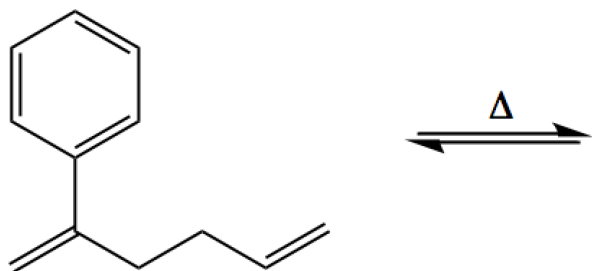
• A \_\_\_\_\_-activated [3,3]-sigmatropic shift that involves only \_\_\_\_\_.

☐ Can be differentiated from other pericyclic reactions due to *lack of conjugation*

☐ Molecule may require rotation to visualize the 3,3-location



**EXAMPLE:** Provide the mechanism and final product for the following reaction.



**PRACTICE:** Provide the mechanism and final product for the following reaction.

