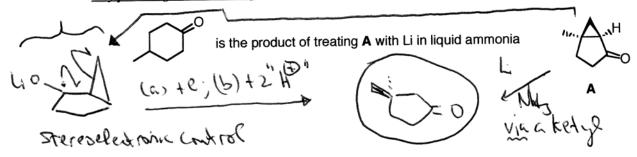
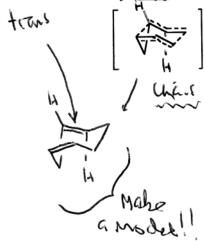


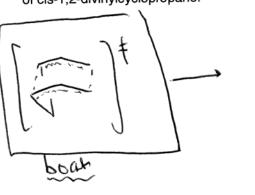
4. [10 points] The following comment may or may not be accurate. If it is, then say so. If it is not, then fix it by providing the structure of the substance derived from A.

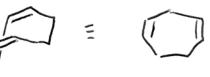


5. [10 points] The following comment/diagram may or may not be accurate. If it is, then say so. If it is not, then fix it by providing a diagram that fits the statement.



represents the lowest energy transition state for the [3,3] rearrangement of cis-1,2-divinylcyclopropane.





6. [10 points] The following statement *may or may not* be accurate. If it is, then say so. If it is not, then indicate what's wrong with it. *Either way*, provide a conformationally meaningful drawing for **D**. Highlight the bonds adjacent to the C-L bond that are antiperiplanar to it. If **D** can not fragment, then what can it do when treated with base? Provide a structure for the product.

