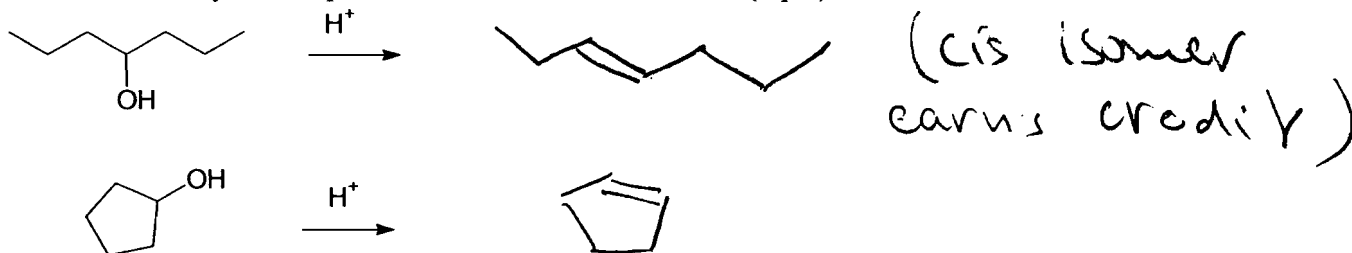


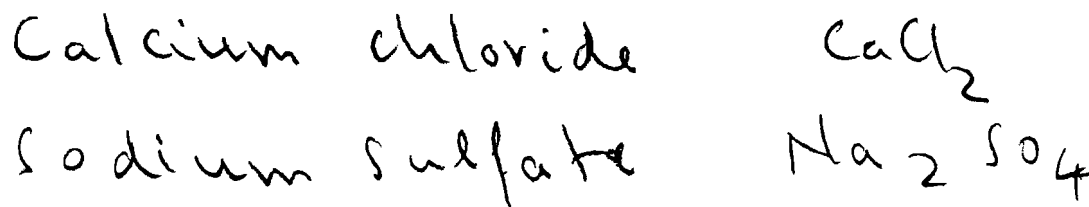
1. Acid catalyzed dehydration can be used to make various alkenes. Suggest structural formulas for dehydration products of the alcohols below! (4 pts)



2. State valid formulas for phosphoric acid and sulfuric acid! (4 pts)



3. Name two common laboratory drying agents and show their formulas! (4 pts)



4. Show a valid mechanism for the acid-catalyzed dehydration of cyclohexanol to cyclohexene! (3 pts)

