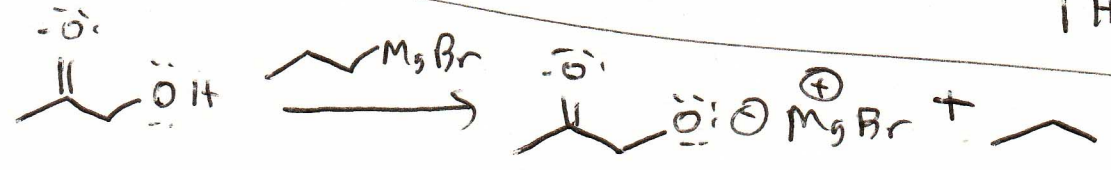
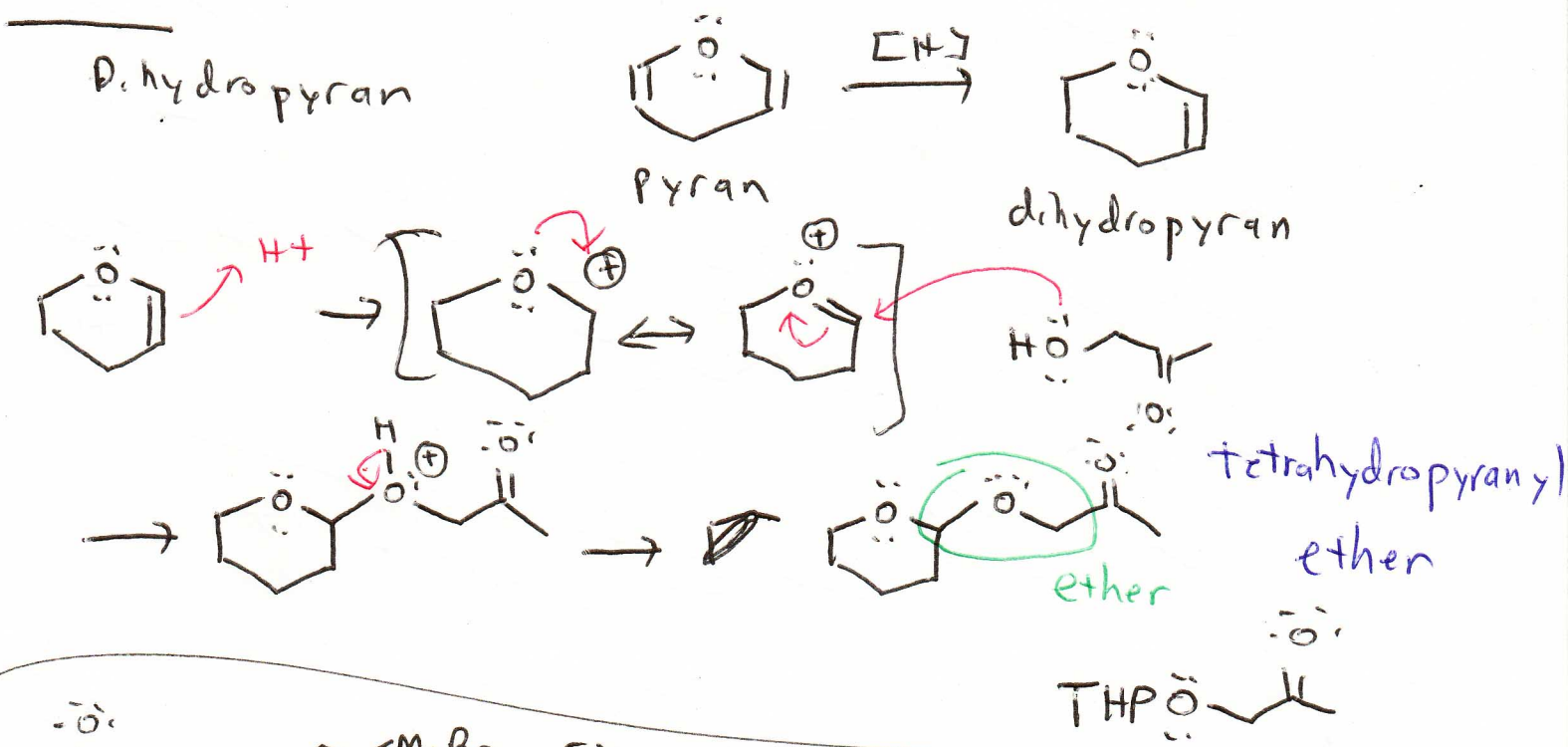
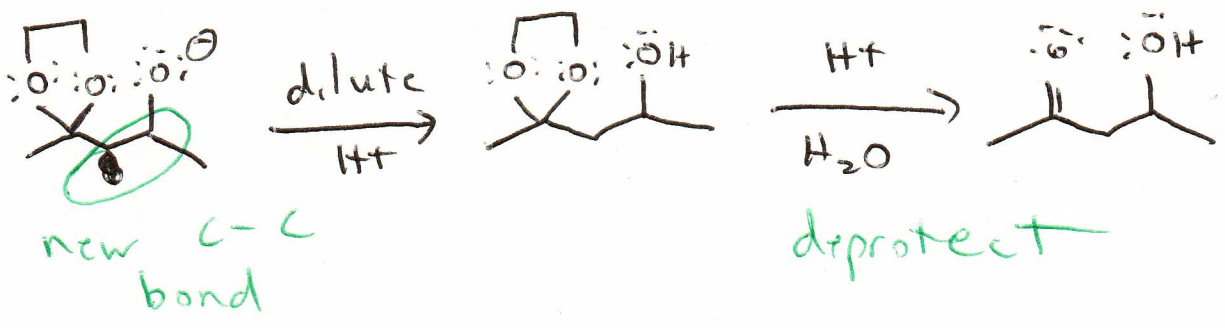
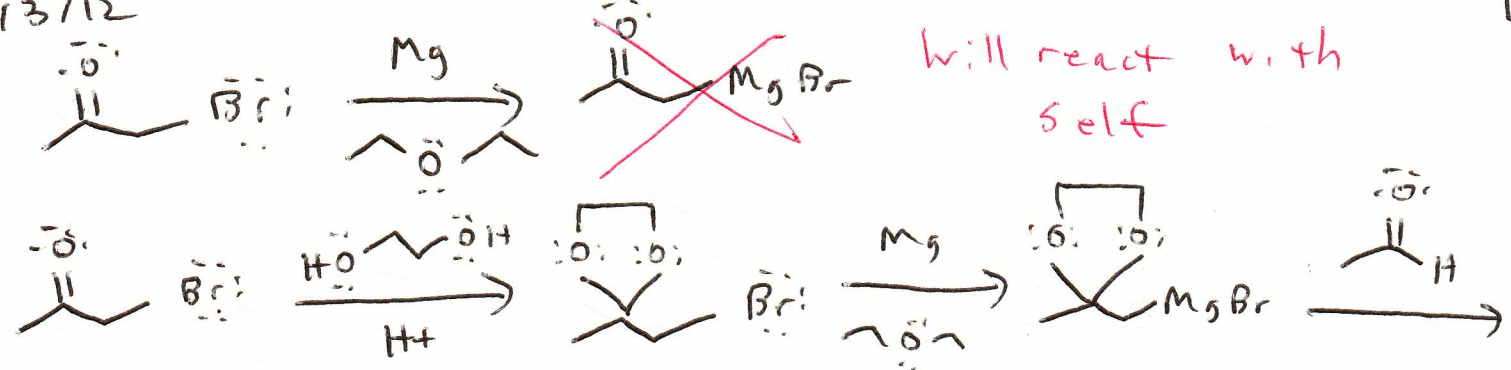
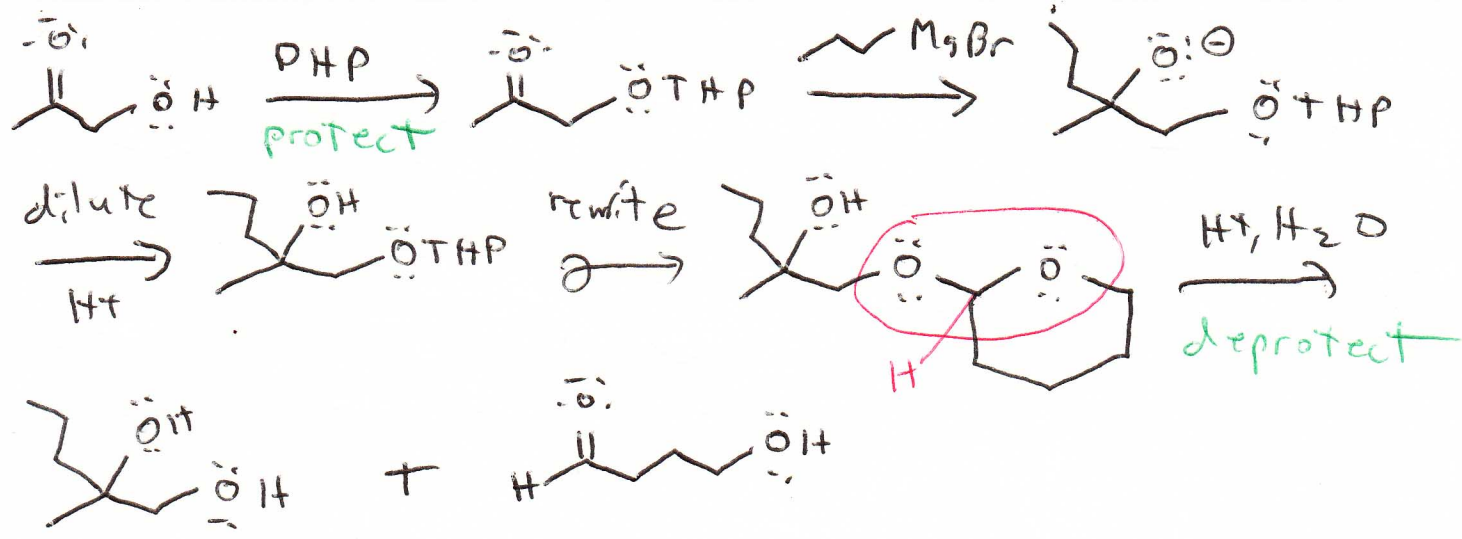


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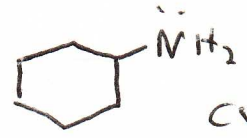
Grignard reactions cannot occur in the presence of protic molecules as an acid/base reaction will occur more rapidly instead.



amines



propanamine



cyclohexanamine

1° (primary)  
one alkyl on N



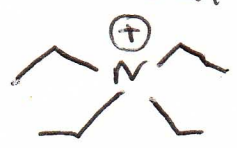
2° (secondary)



3° (tertiary)



4° (quaternary ammonium salt)



base

The ideal pH for the following rxn is pH 5.

