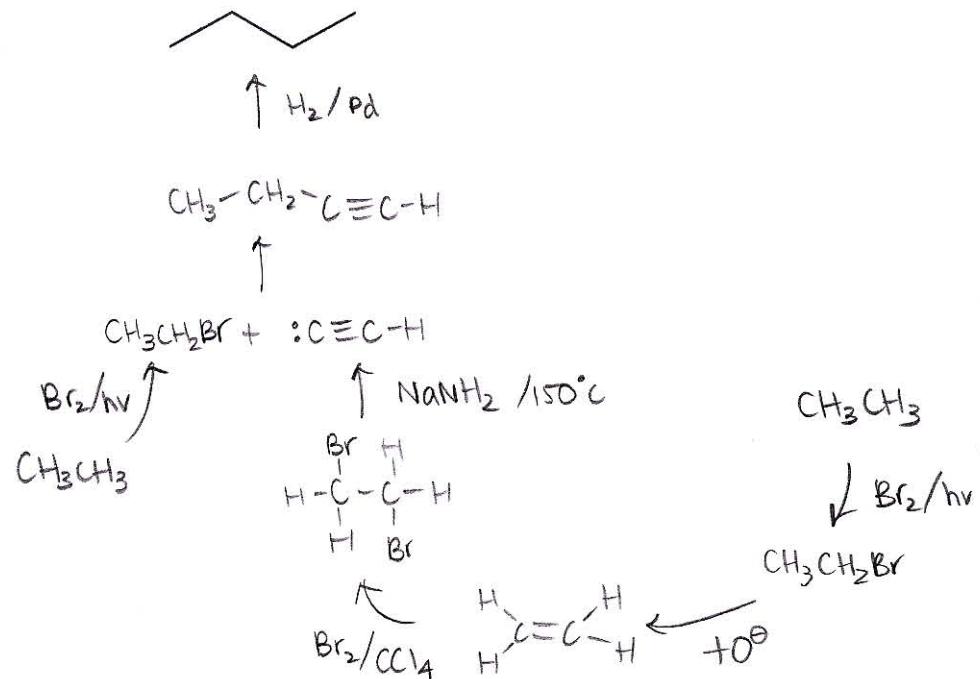


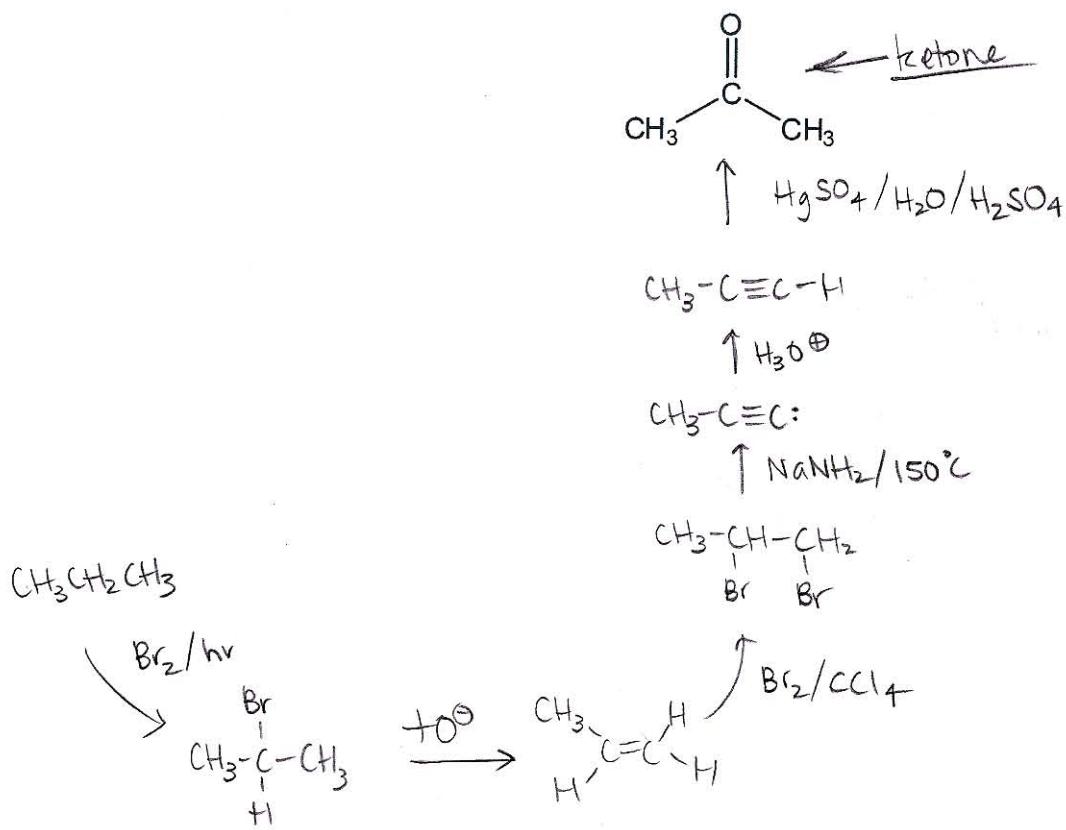
Chapter 9 Worksheet 3

Synthesis

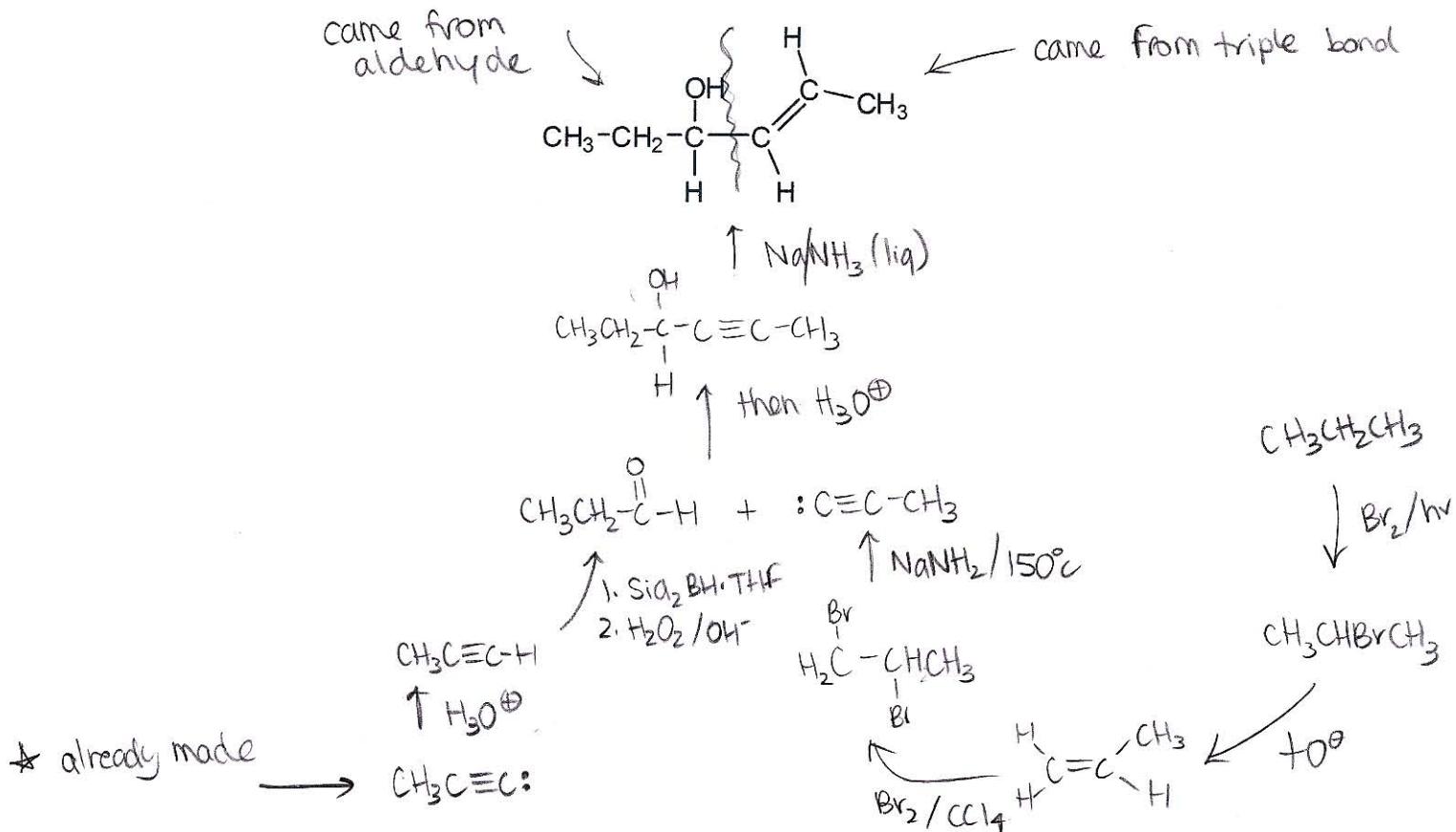
1. Synthesize the following molecule below using any of the following reagents: alkanes of no more than two carbons, any inorganic reagents, and any oxidizing or reducing agents.



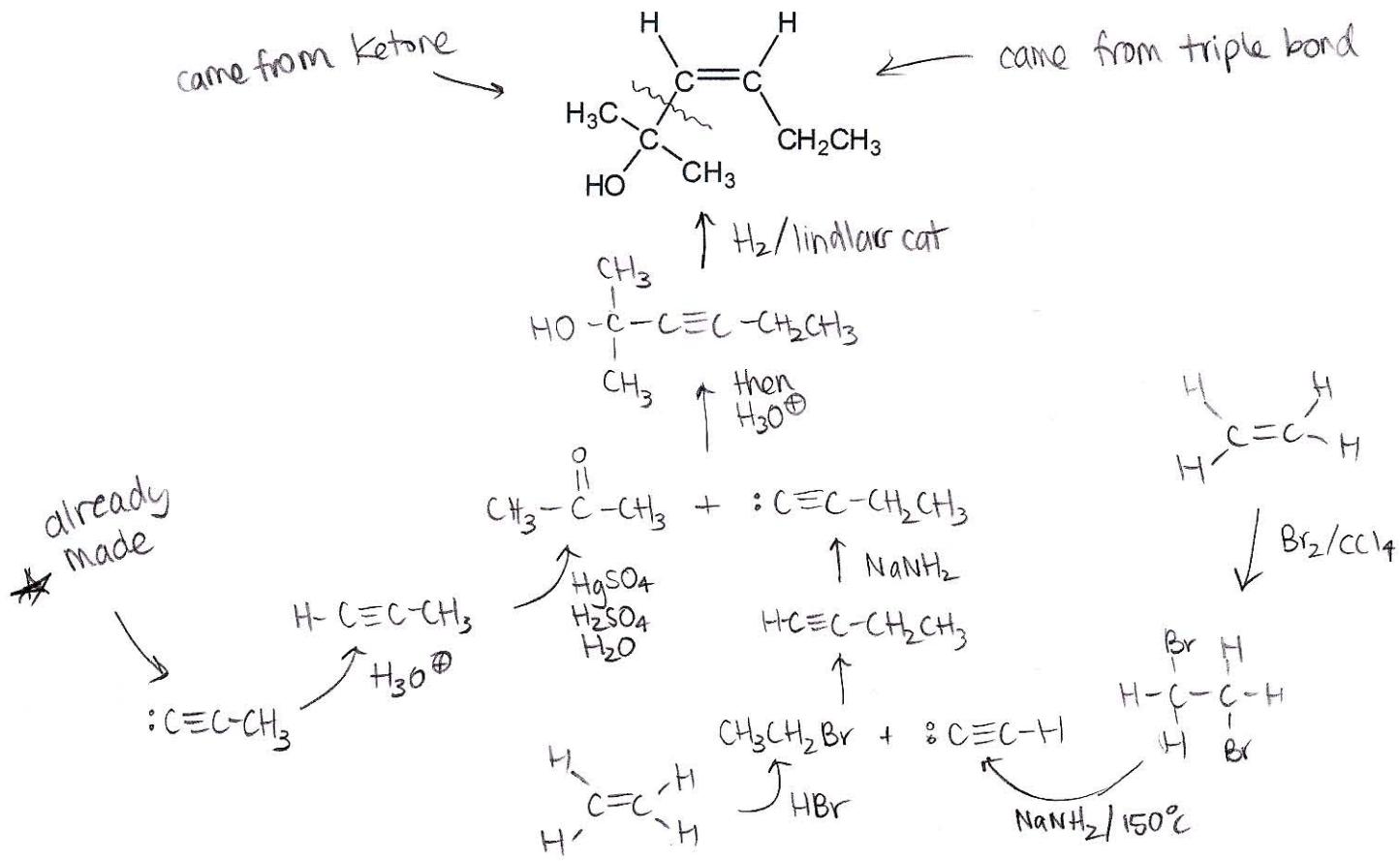
2. Synthesize the following molecule below using any of the following reagents: alkanes of no more than three carbons, any inorganic reagents, and any oxidizing or reducing agents.



3. Synthesize the following molecule below using any of the following reagents: alkanes of no more than three carbons, any inorganic reagents, and any oxidizing or reducing agents.

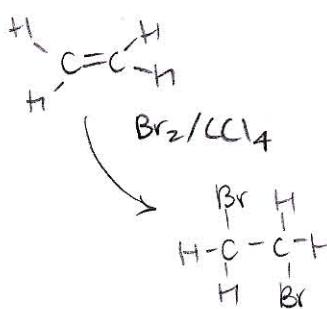
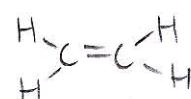
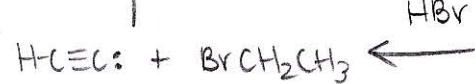
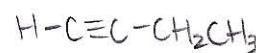
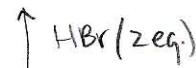
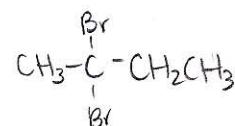
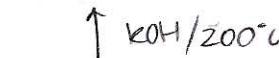
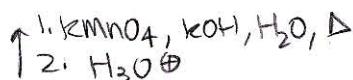
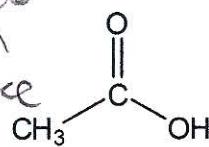


4. Synthesize the following molecule below using any of the following reagents: **alkenes** of no more than **three carbons**, any inorganic reagents, and any oxidizing or reducing agents.



5. Synthesize the following molecule below using any of the following reagents: alkenes of no more than two carbons, any inorganic reagents, and any oxidizing or reducing agents.

or.. go from aldehyde
to product using an
oxidizing agent like
Jones' reagent
(CH₃COO)₂



6. Synthesize the following molecule below using any of the following reagents: alkanes of no more than three carbons, any inorganic reagents, and any oxidizing or reducing agents.

* already made

