

MAD ORG. CHEM. MIN.... So it begins

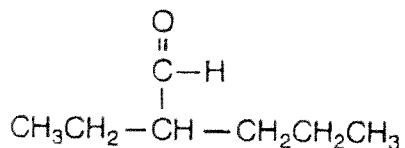
LAST NAME _____ FIRST NAME _____

PSID # _____ CIRCLE CLASS TIME: 10AM 1PM

4PM

Can you still work problems this challenging?

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



MAD ORG. CHEM. MIN.... So it begins (Again)

LAST NAME _____ FIRST NAME _____

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Can you still work problems this challenging?

The reaction presented below produces several products. Provide clear mechanisms to explain the formation of the two products shown. Use curved arrows to indicate "electron flow". Remember to show only one step at a time. Show all intermediates and all formal charges. Do not show transition states!

