Quiz 4 (Monday Afternoon): Synthesis

Name:

Recitation Instructor:

You have 45 minutes to figure out the following syntheses.

1. **(3 points)**

   ![Reaction](image1)

2. **(3 points)**

   ![Reaction](image2)

3. **(4 points)** Show a synthesis of ![Compund](image3) using ethylene (H₂C=CH₂) as your only carbon-based starting material