Drill Questions (Course 5.13)

1. Predict the major product of the Baeyer Villiger Oxidation below and write a reasonable reaction mechanism.

migratory magnitude: tertiary > secondary alkyl

2. Name the key step in the transformation below and draw its reaction mechanism.

Hoffmann Rearrangement

3. Draw a reaction mechanism for the transformation below.

4. Draw a reaction mechanism for the following transformation.

key intermediates