Quiz 3. Thursday Morning

Name:

Recitation Instructor:

You have 20 minutes to complete the following quiz.

1) Show a mechanism of the following transformation (5 points)

2) Show the reagents necessary to carry out the following reaction (5 points)

$$\bigcirc \longrightarrow \bigcirc_{\mathsf{OH}}$$

3) Show the product of the following reaction (5 points)

4) Explain the *regiochemistry* of the following reaction (5 points).