Group Meeting Problems Februery 3, 2009

1. Provide the structure of X and a mechanism for this transformation.

$$\begin{array}{c|c}
O \\
O \\
ACO
\end{array}$$

$$\begin{array}{c|c}
O \\
Et_3N, DCM
\end{array}$$

$$\begin{bmatrix}
X
\end{array}$$

$$\begin{array}{c|c}
aq. base \\
O \\
O\end{array}$$

2. Provide a mechanism for the following transformations to major and minor products.