Organic I Lecture
Fall 2002
Quiz #10
(10 points)

1. Predict the product of the reaction below. (3 points)

\[ \text{H}_3\text{C}-\text{Cl} + \text{H}_3\text{C}-\text{CH}_2\text{OH} \rightarrow \]

2. Using the Williamson ether synthesis, provide the necessary starting materials for 1-methoxy-4-nitrobenzene. (4 points, problem 14-9c)

3. Draw the final product resulting from the following reaction conditions. (3 points, problem 11-54)

\[ \text{C}_7\text{H}_8 \rightarrow 1) \text{OsO}_4, \text{H}_2\text{O}_2 \rightarrow 2) \text{cat. H}_2\text{SO}_4, \text{heat} \]