## Quiz 4. Monday Morning

## Name:

1) Predict the product of the following reaction (2 points).

$$\begin{array}{c|c}
O & & NMe \\
\hline
H_2SO_4 & & \\
\end{array}$$

2) Show the reagent(s) necessary to carry out the following reaction (2 points).

3) Show the reagents necessary to carry out the following synthesis (6 points).