Quiz 4. Monday Morning

Name:

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

\[
\text{O} \hspace{1cm} \text{MeNH}_2 \hspace{1cm} \text{H}_2\text{SO}_4
\]

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

\[
\text{OEt} \hspace{1cm} \text{O} \hspace{1cm} \text{OH} \\
\text{Ph} \hspace{1cm} \text{Ph} \hspace{1cm} \text{OH}
\]

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

\[
\hspace{1cm} \text{Cyclohexene} \hspace{1cm} \text{Cyclohexene} \hspace{1cm} \text{Cyclohexyne}
\]