Quiz 4. Wednesday Afternoon

Name:

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

\[
\text{HCN} \quad \text{ketone}
\]

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

\[
\text{benzaldehyde} \quad \text{N(CH}_3\text{)}_2
\]

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

\[
\text{alkene} \quad \text{carboxylic acid}
\]