Quiz #3

1. (10 points)

Draw the specific reagent(s) necessary to effect the following transformation. If more than one reaction is involved, be certain to distinguish the individual steps clearly. Include stoichiometric coefficients, also.

$$H_3C$$
 CH_3
 CH_3
 CH_3
 CH_3
 CH_3
 CH_3
 CH_3
 CH_3
 CH_3

2. (10 points)

Use IUPAC nomenclature to write the systematic name of the following compound.