

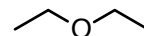
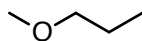
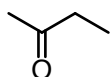
Quiz 5b

Name:

Signature

The following quiz will start 5 minutes into recitation and you will have 30 minutes to complete it. Good luck!

1. For the following two questions, refer to the isomers below



1a. Which molecule(s) would have peaks that show up as singlets by  $^1\text{H}$  NMR \_\_\_\_\_

1b. Which molecule(s) would have 3 sets of equivalent protons? \_\_\_\_\_

2. Show a molecule with the molecular formula  $\text{C}_8\text{H}_{10}$  that is consistent with the following spectra.

