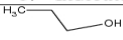
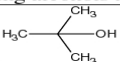
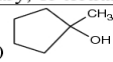

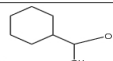


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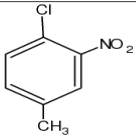
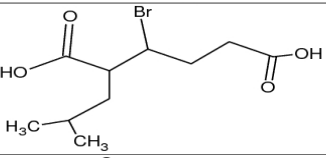
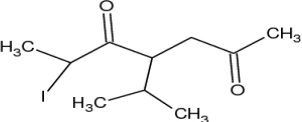
Complete the following worksheet as we go through the organic chemistry unit. You will be asked to submit this worksheet for evaluation.

1. Indicate whether the following alcohols are primary, secondary, or tertiary.

a) 	b) 	c) 
d) 	e) 2-methyl-2-pentanol	f) 

2. Diethyl ether (commonly called “ether”) is a structural isomer of 1-butanol. Which compound would you expect to have the higher boiling point? Explain your answer.
3. Draw all the structural isomers of C_7H_{16} . Name each structure you draw.

4.

	Name
	Name (HINT: the longest chain must contain both functional carbonyl groups)
	Name

5. Draw the **complete structural diagram** of 3-chloro-2,5-dimethylhexanal

6. Draw the **line structural diagram** of 3-sec-butyl-6-chlorocyclohexa-1,4-diene

7. Draw the **condensed structural diagram** of s-butyl ethyl ether