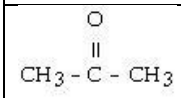
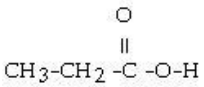
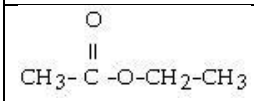
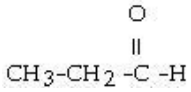
Chem 51, Spring 2015 Name_____

Quiz 2 (Functional groups and fatty acids) 15 pt

(8 pt) Match the structures on the left to the names on the right.

	MATCH LETTER	
$CH_3–CH_2–CH=CH_2$		A) carboxylic acid
		B) alkene
CH_3-OH		C) ether
		D) ester
$CH_3–CH_2–O–CH_2$-CH_3		E) ketone
		F) amine
		G) aldehyde
$CH_3–CH_2–NH_2$		H) alcohol

(8 pt) From the notations shown below, draw the structures and name the fatty acids and indicate their omega (ω) number.

[18:0]	name	ω-number
[18:1;9]	name	ω-number