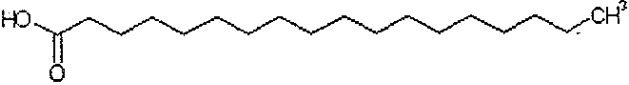
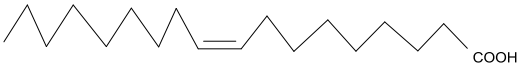


(8 pt) Match the structures on the left to the names on the right.

$\text{CH}_3\text{-CH}_2\text{-CH=CH}_2$	MATCH LETTER B	A) carboxylic acid
$\begin{array}{c} \text{O} \\ \\ \text{CH}_3\text{-C-CH}_3 \end{array}$	E	B) alkene
$\text{CH}_3\text{-OH}$	H	C) ether
$\begin{array}{c} \text{O} \\ \\ \text{CH}_3\text{-CH}_2\text{-C-O-H} \end{array}$	A	D) ester
$\text{CH}_3\text{-CH}_2\text{-O-CH}_2\text{-CH}_3$	C	E) ketone
$\begin{array}{c} \text{O} \\ \\ \text{CH}_3\text{-C-O-CH}_2\text{-CH}_3 \end{array}$	D	F) amine
$\begin{array}{c} \text{O} \\ \\ \text{CH}_3\text{-CH}_2\text{-C-H} \end{array}$	G	G) aldehyde
$\text{CH}_3\text{-CH}_2\text{-NH}_2$	F	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 STEARIC ACID	ω -number NA
[18:1;9] 	Name OLEIC ACID	ω -number 9