

Name: \_\_\_\_\_


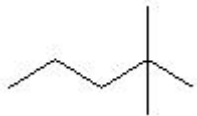
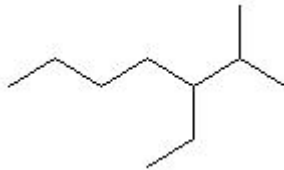
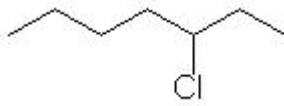
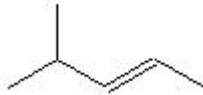
Date: \_\_\_\_\_

[10 pt] 1. Fill in the missing squares in the chart below.

Condensed Formula	Structural Formula	Line Drawing
$\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}_3$		
$\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}(\text{CH}_3)_2$		
$\text{CH}_3(\text{CH}_2)_4\text{CH}_3$		
$\text{CH}_2\text{ClCH}_2\text{CH}_2\text{CH}_3$		
$\text{CH}_3\text{CH}(\text{CH}_3)\text{CH}(\text{CH}_2\text{CH}_3)\text{CH}_2\text{CH}_3$		

## CHE 102 - Homework - Ch 19b

[10 pt] 2. Fill in the missing squares in the chart below.

Condensed Formula	Structural Formula	Line Drawing
		 <chem>CC</chem>
		 <chem>CC(C)(C)CC</chem>
		 <chem>CC(C)C(CC)C(C)CC</chem>
		 <chem>CC(C)CC(Cl)CC</chem>
		 <chem>CC(C)=CCC</chem>

## CHE 102 - Homework - Ch 19b

[10 pt] 3. Fill in the missing squares in the chart below.

Condensed Formula	Structural Formula	Line Drawing
	$  \begin{array}{cccccc}  & \text{H} & \text{H} & \text{H} & \text{H} & \text{H} & \text{H} \\  &   &   &   &   &   & \\  \text{H} & - \text{C} & - \text{C} & - \text{C} & - \text{C} & - \text{C} & - \text{C} - \text{H} \\  &   &   &   &   &   & \\  & \text{H} & \text{H} & \text{H} & \text{H} & \text{H} &   \end{array}  $	
	$  \begin{array}{cccccc}  & & & \text{H} & & & \\  & & &   & & & \\  & & & \text{H} - \text{C} - \text{H} & & & \\  & & &   & & & \\  & \text{H} & \text{H} & & \text{H} & \text{H} & \\  &   &   & &   &   & \\  \text{H} & - \text{C} & - \text{C} & - \text{C} & - \text{C} & - \text{C} & - \text{H} \\  &   &   & &   &   & \\  & \text{H} & \text{H} & & \text{H} & \text{H} & \\  & & & \text{H} - \text{C} - \text{H} & & & \\  & & &   & & & \\  & & & \text{H} & & &   \end{array}  $	
	$  \begin{array}{cccccc}  & \text{H} & \text{H} & \text{H} & \text{H} & \text{H} & \text{H} \\  &   &   &   &   &   &   \\  \text{H} & - \text{C} & - \text{C} & - \text{C} & - \text{C} & - \text{C} & - \text{C} - \text{Br} \\  &   &   &   &   &   &   \\  & \text{H} & \text{Br} & \text{H} & \text{H} & \text{H} & \text{H}  \end{array}  $	
	$  \begin{array}{cccccc}  & \text{H} & & \text{H} & \text{H} & \text{H} & \text{H} \\  &   & &   &   &   &   \\  \text{H} & - \text{C} & - \text{C} = \text{C} & - \text{C} & - \text{C} & - \text{C} & - \text{H} \\  &   &   & &   &   &   \\  & \text{H} & \text{H} & & \text{H} & \text{H} & \text{H}  \end{array}  $	
	$  \begin{array}{cccccc}  & & & \text{H} & & & \\  & & &   & & & \\  & & & \text{H} - \text{C} - \text{H} & & & \\  & & &   & & & \\  & \text{H} & \text{H} & & \text{H} & & \\  &   &   & &   & & \\  \text{H} & - \text{C} & - \text{C} & - \text{C} & - \text{C} & - \text{H} \\  &   &   & &   & & \\  & \text{H} & \text{Br} & \text{H} & \text{H} & &   \end{array}  $	