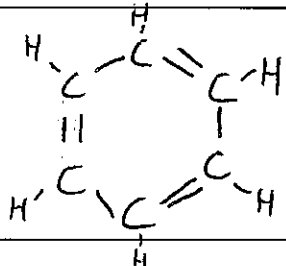
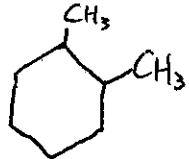
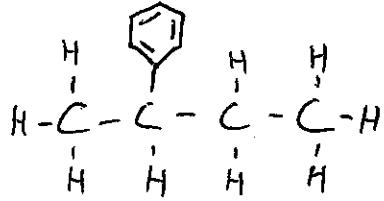
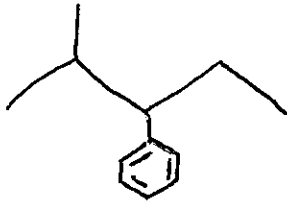


Name: \_\_\_\_\_

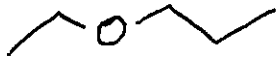
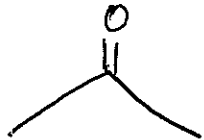
Date: \_\_\_\_\_

**Chemistry****Naming Organic Compounds WS 2 (Rings & Functional Groups)**

I. Complete the following chart for each ring compound:

Name & Molecular Formula	Complete Structural Formula	Line Formula
1. cyclopentane $C_5H_{10}$		
2.		
3.		
4. ethylbenzene $C_8H_{11}$		
5.		
6.		

II. Complete the following chart for each alkane with a functional group:

Name & Molecular Formula	Complete Structural Formula	Line Formula
7. ethanol $C_2H_5OH$		
8.	$  \begin{array}{ccccccc}  & H & & OH & & H & \\  &   & &   & &   & \\  H & - C & - & C & - & C & - H \\  &   & &   & &   & \\  & H & & H & & H &   \end{array}  $	
9.		
10. butylphenyl ether $C_{10}H_{15}O$		
11.	$  \begin{array}{ccccccc}  & Br & & H & & Br & & H \\  &   & &   & &   & &   \\  H & - C & - & C & - & C & - & C & - H \\  &   & &   & &   & &   \\  & H & & H & & H & & H   \end{array}  $	
12.		
13. 1,2,4-trichlorohexane $C_6H_{11}Cl_3$		