Name:	
maille.	

EXPERIMENT 11 Organic Models

Purpose: To make models of organic compounds

Procedure and Observations and Data:

1. Building molecules (This is to be done in groups of 2)
Obtain the molecular modeling kits from the stockroom

1. Build the following molecules and draw the structure after you have built it. Show each model to your instructor before you take it apart. Do not take them apart until you have the initials.

H_2		
N_2 ,		
O_2		
Cl ₂		
I_2		
H ₂ O		
NH ₃		

1

Instructor's Initials_____

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CH_4	
Name:	
CCl ₄	
Name:	
C_2H_6	
Name:	
C_3H_8	
Name:	
C_8H_{18}	
Name:	
CO_2	
CHOH	
C_2H_5OH	
Name:	

Instructor's Initials_____

Show 2wo different ways to r	make C ₄ H ₁₀			
Name:	Name:			
Show two different ways to n	nake C ₃ H ₇ Cl	T		1
Name:		Name:		
Show 3 different ways to make	ke C ₅ H ₁₂			
Name:	Name:		Name:	
	•		•	

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Instructor's Initials_

Show how to make C ₂ H ₄					
Name:					
Make a benzene ring C ₆ H ₆					
Instructor's Initials					
Organize your atoms and bonds as they were when you checked them out. Return them to the stockroom.					

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