

Organic Models Day One

Name: _____

black = carbon white = hydrogen red = oxygen wood stick = single bond 2 metal springs = double bond 3 metal springs = triple bond

INSTRUCTIONS: Draw the Lewis structure on the page with the correct angles, then create the model with the wooden set. Raise your hand after each model so I can verify it and you can move on to the next structure.

1) Methane

2) Ethane

3) Ethene

4) Propane

5) Methanol

6) Ethanol

7) butane

8) Methanoic Acid

9) ethyne

10) 1-butyne

11) ethanoic acid

12) H₂

Organic Models Day Two

Name: _____

black = carbon white = hydrogen red = oxygen wood stick = single bond 2 metal springs = double bond 3 metal springs = triple bond

INSTRUCTIONS: Draw the Lewis structure on the page with the correct angles, then create the model with the wooden set. Raise your hand after each model so I can verify them.

1) Di-methyl ether

2) propanone

3) methanal (formaldehyde)

4) ethanal

5) methyl-ethyl ether

6) ethyne

7) 2-butanone

8) benzene