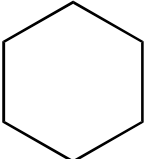
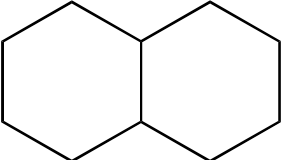
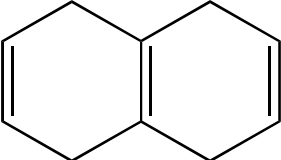
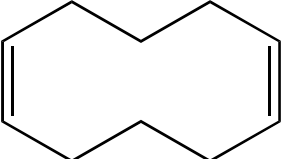
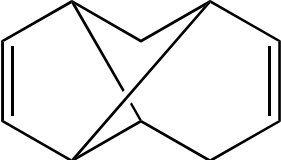
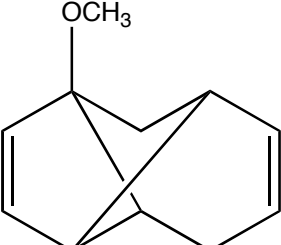
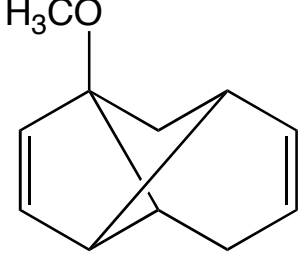
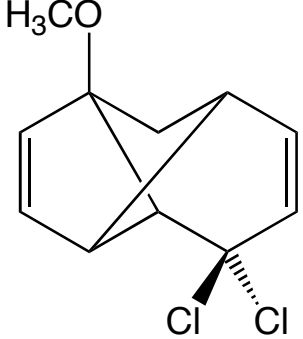
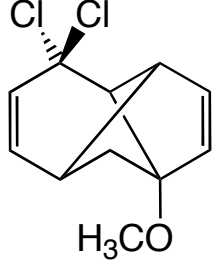


ChemDraw In-Class Exercise

1) Choose the hexagon from the Drawing Palette and click in the Drawing Window to insert the hexagon.	
2) Choose the hexagon again and anneal a second ring onto the first.	
3) Choose the Solid Bond tool and add double bonds by dragging over the single bond or by clicking on the single bond. Try both ways. Align the double bonds as shown by continued clicking.	
4) Erase the center double bond by clicking twice on the double bond with the Eraser tool.	
5) Add bridging bonds by dragging the single bond to the distant atom. The Fixed Lengths setting (Object menu) is overridden by this action. With the Solid Bond tool active, double-click on the bridging bond to toggle it to the front/back.	
6) Add a methoxy group with the Solid Bond tool. Double-click the end of the bond to generate the atom label box or choose the Text tool and click at the end of the box. Try both methods.	

<p>7) Use the Text tool to select the methoxy label. Increase the font size to 14, set the label to flush right (under the Text menu), and then rewrite the label to read from right-to-left.</p>	
<p>8) Add wedge and dash bonds to Cl. Once the Text tool is set to Cl, just double-click to generate the second Cl. Click on the wedge or dash bonds to toggle the direction the bond points.</p>	
<p>9) Select the structure by lassoing, double-clicking with the Lasso tool, or drawing a box around it with the Marquee tool. Move the cursor to the lower right corner and click/drag to make the structure smaller. Also try the Scale function under the Object menu. Move the cursor to the upper right corner and click/drag to rotate the structure. Also rotate the structure using the Rotate command from the Object menu.</p>	
<p>10) Add a plus sign (Text tool) and a benzene ring and an arrow (Arrows palette). Align the four items by selecting all with the Marquee tool and choosing Align T/B centers under the Object menu.</p>	