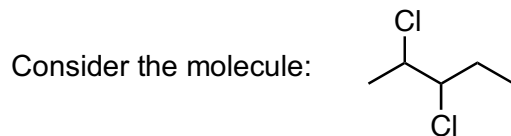
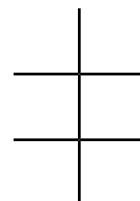
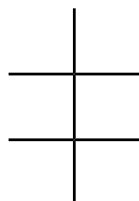
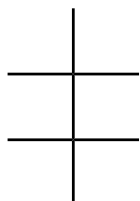
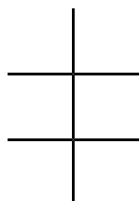
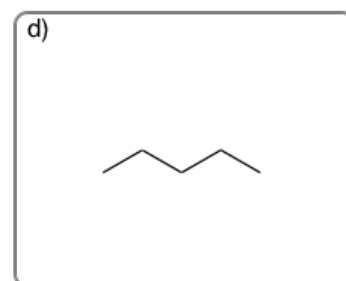
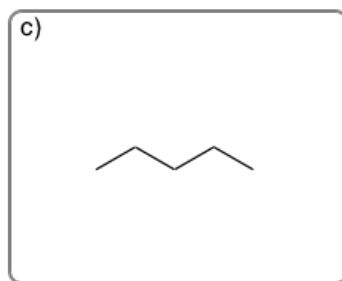
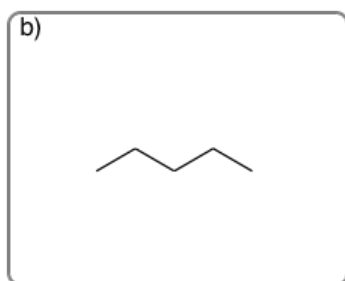
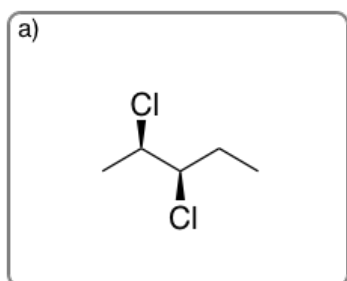


## Working on Worksheets with your Neighbors (aka: WoW your neighbors)



1. In the structure above, label the two chiral centers with an asterisk \*
2. How many stereoisomers of this molecule can exist? \_\_\_\_\_
3. Draw both **dash/wedge** and **Fischer** projections of four stereoisomers. (note, one of them has already been drawn in box **a**).
4. Label the **specific configuration** at each chiral center of each stereoisomer.



5. Name each molecule above (think about how to include the specific configuration R/S label to accurately represent the name of the molecule):

a. \_\_\_\_\_

b. \_\_\_\_\_

c. \_\_\_\_\_

d. \_\_\_\_\_

6. Which sets of molecules are enantiomers (mirror images of each other)? \_\_\_\_\_ , \_\_\_\_\_