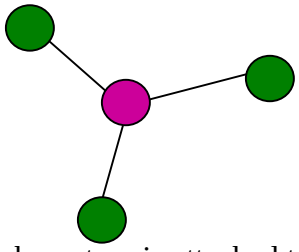
PHYSICAL SCIENCE
MOLECULES

NAME ***KEY***
DATE _____ CLASS _____

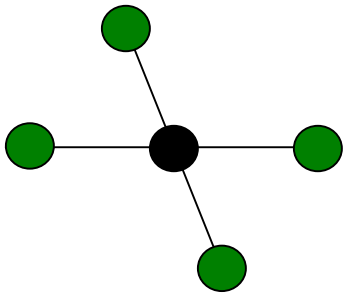
MOLECULES

Directions: Use the information for each number to draw the molecules in the spaces provided.

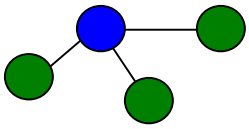
1. In this molecule, a boron atom is attached to three fluorine atoms and each F-B-F angle is 120°.



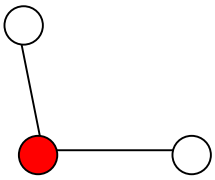
2. In this molecule, a carbon atom is attached to four chlorine atoms and each Cl-C-Cl angle is 109.5°.



3. In this molecule, a phosphorus atom is attached to three chlorine atoms and each Cl-P-Cl angle is 109.5°.



4. In this molecule, a sulfur atom is attached to two hydrogen atoms and the H-S-H angle is 104.5°.



5. In this molecule, a beryllium atom is attached to two fluorine atoms and the F-Be-F angle is 180°.