

Lab- Building Models of Molecular Compounds

In this activity, you will build and name a number of molecular compounds.

What You Need

- Materials to build molecular compounds

What to Do

1. Fill in the first four columns of the table.
2. Using the information in the first four columns of the table, build a model for each molecule.
Hint: Start with the element in the bold in the table, and add the other element around it. All holes in the balls representing elements **MUST** be filled and connected to one another.
3. Sketch your models in the fifth column of the table

Building and Naming Molecular Compounds

Element 1 and Number	Element 2 and Number	Chemical Formula	Chemical Name	Sketch of Model
1 C	2 S			
		CO		
			nitrogen dioxide	
1 C	4 Cl			
		N ₂ O		
			phosphorus trifluoride	