

Unit 4 – Worksheet 1

Molecular Compounds

Properties

Basic structural unit

Laws of definite & multiple proportions

- Name each of the following binary compounds of non-metallic elements
 - CBr_4
 - N_2P_3
 - PCl_3
 - ICl
 - N_2O
 - SiF_4
- Write the name for the following compounds of nonmetallic elements.
 - GeH_4
 - N_2Br_4
 - P_2S_5
 - SeO_2
 - NH_3
 - SiO_2
- Write the formula for the following binary compounds of nonmetallic elements.
 - phosphorus triiodide
 - silicon tetrachloride
 - dinitrogen pentoxide
 - dinitrogen tetroxide
 - carbon monoxide
- Write the formula for these compounds of nonmetallic elements.
 - carbon dioxide
 - sulfur hexafluoride
 - dinitrogen tetrachloride
 - carbon tetraiodide
 - phosphorus pentafluoride
 - diphosphorus pentoxide