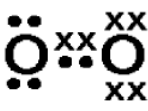


ELECTRON-DOT STRUCTURES & STRUCTURAL FORMULAS

Answer the following questions on molecular electron-dot structures and structural formulas.

Example: For O_2 , the electron-dot structure is  & the structural formula is $O=O$

(THE OCTET & DUET RULES MUST BE SATISFIED FOR ALL ATOMS INVOLVED IN A COVALENT BOND!!!)

- For the molecule H_2S , draw the electron-dot structure of each individual atom in the compound separately.
- Draw the electron-dot structure for the entire molecule.
- Draw the structural formula for of the entire molecule.

Draw the electron-dot structure **AND** structural formula for the following molecules:

- SiO_2

b. C_4H_8

c. P_2S_2

d. NH_3

e. H_2Se

f. C_7H_{16}

g. CH_3SH