



Drawing Lewis Structures



Directions: Draw Lewis Structures for the following individual atoms or compounds

Atom / Compound	Individual Atoms Lewis Structure	Atom / Compound	Individual Atoms Lewis Structure
B		Na	
C		Al	
N		Ne	
O		He	
P		Ba	
S		Br	
Cl		I	
Li		Si	
K		Rb	

Atom / Compound	Number of Bonds Needed	Individual Atoms Lewis Structure	Individual Atoms Lewis Structure	Compound Lewis Structure
CH ₄				
H ₂ O				

NH_3				
PH_3				
Cl_2				
NCl_3				
PBr_3				
H_2				

C_3H_8				
H_2S				
SiH_4				
CF_4				
CH_3CH_3				
$\text{CH}_3\text{CH}_2\text{Cl}$				

Hint: For more complex Lewis Structures..bond the Carbon atoms together and place the Hydrogen atoms around the Carbons. Other nonmetals get bonded to the Carbon as well.