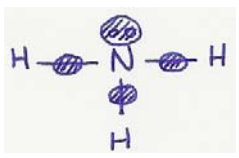

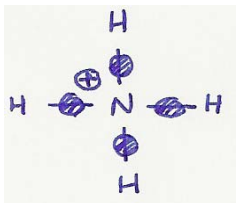
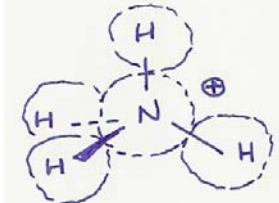
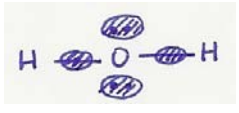

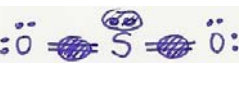

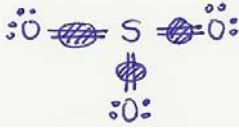
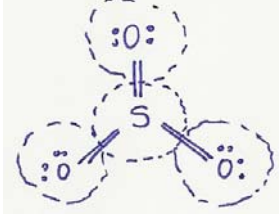



Molecular Shape: SOLUTIONS

Form.	Lewis and electron groups	A-X-E	Electron groups	Atoms SHAPE	Molecule
BCl_3		AX_3	3 groups 120°	4 atoms TRIGONAL PLANAR	
CH_4		AX_4	4 groups 109°	5 atoms TETRAHEDRAL	
CHCl_3		AX_4	4 groups 109°	5 atoms TETRAHEDRAL	
H_2CO		AX_3	3 groups 120°	4 atoms TRIGONAL PLANAR	
HCN		AX_2	2 groups 180°	3 atoms LINEAR	
CO_2		AX_2	2 groups 180°	3 atoms LINEAR	
CCl_4		AX_4	4 groups 109°	5 atoms TETRAHEDRAL	

NH ₃		AX ₃ E	4 groups 109°	4 atoms TRIGONAL PYRAMIDAL	
NH ₄ ⁺		AX ₄	4 groups 109°	5 atoms TETRAHEDRAL	
H ₂ O		AX ₂ E ₂	4 groups 109°	3 atoms V-SHAPED	
SO ₂		AX ₂ E	3 groups 120°	3 atoms V-SHAPED	
SO ₃		AX ₃	3 groups 120°	4 atoms TRIGONAL PLANAR	
H ₂ S		AX ₂ E ₂	4 groups 109°	3 atoms V-SHAPED	