

MOLECULAR MODELS LAB ACTIVITY: VSEPR THEORY and Types of Bonds

For each of the compounds, draw the Lewis Diagram, identify the types of bonds, draw a 3D Diagram, and name the 3D shape.

MOLECULE	LEWIS DOT	TYPES OF BONDS	LEWIS DIAGRAM	VSEPR NAME
CH₄				
Cl₂				
C₂H₆				
H₂O				
CO₂				
HCCIS				
C₂F₂				
CH₂O				
C₂H₂				
C₂H₄				