

Name:

Period:

Date:

Molecular Shapes using VSEPR

For each of the following molecules: 1) write the name, 2) draw the Lewis Dot Structure, 3) indicate the molecular shape, and 4) state bond angles.

Cl₂	O₂
N₂	HCl
CH₄	CCl₄
CH₃CH₃	CH₂Cl₂
CH₃CH₂CH₃	NH₄⁺¹
NH₃	PCl₃

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H₂O	H₂S
BH₃	BF₃
NO₃⁻¹	CO₃⁻²
SO₄⁻²	PO₄⁻³
CH₃OH	CH₃CH₂OH
CO₂	CO

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