

Name: \_\_\_\_\_

Section: \_\_\_\_\_

Formula	Number of valence electrons	Lewis dot structure (including ALL resonance)	VSEPR structure (with dipole moments)	Molecular Geometry	Polar? Nonpolar? Ionic?	Bond angle on central atom(s)
$I_2$						
$NO^{-1}$						
$CO$						
$BeH_2$						

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H <sub>2</sub> S						
PBr <sub>3</sub>						
ClO <sub>4</sub> <sup>-1</sup>						
CS <sub>2</sub>						

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$\text{CHCl}_3$						
$\text{PO}_3^{3-}$						
$\text{PO}_4^{3-}$						
$\text{CH}_2\text{O}$						

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$\text{SO}_3$						
$\text{SO}_3^{2-}$						
$\text{SO}_4^{2-}$						
$\text{SCN}^-$						

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$\text{NO}_2^-$						
$\text{KCl}$						
$\text{BrO}_3^-$						
$\text{IO}_2^-$						

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$\text{CH}_2\text{Cl}_2$						
$\text{CO}_2$						
$\text{PH}_3$						
$\text{NaH}$						