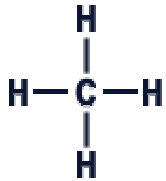
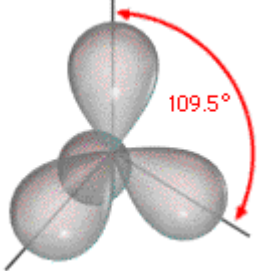
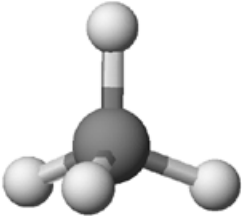

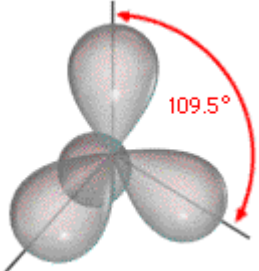


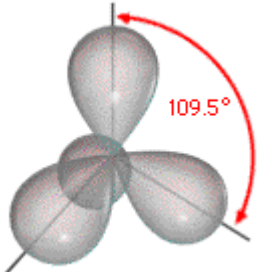
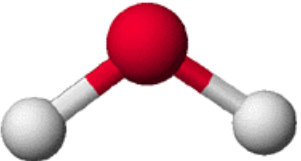
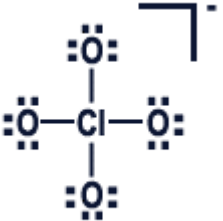
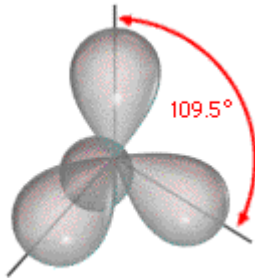
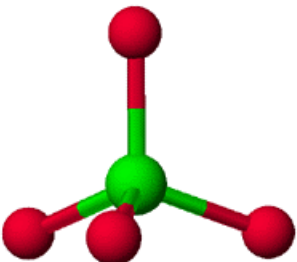
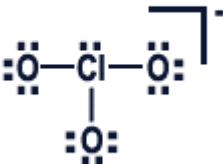
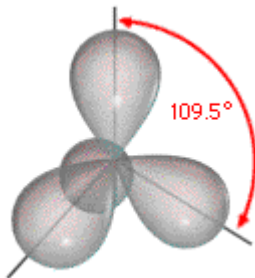
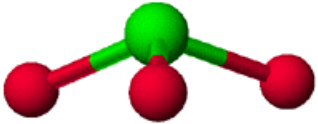
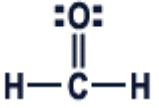
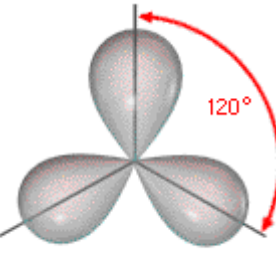
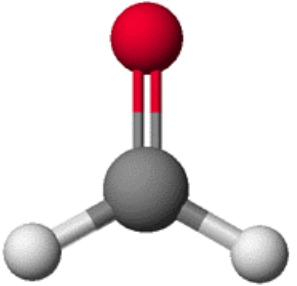


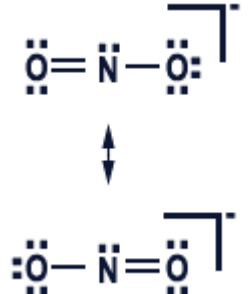
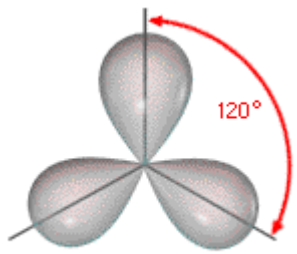
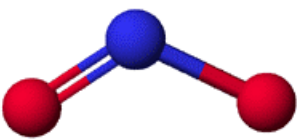
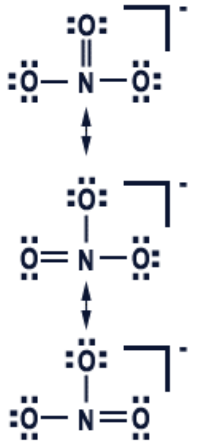
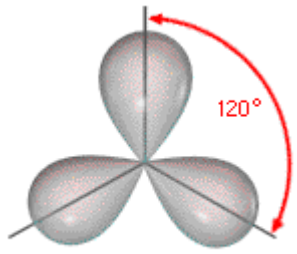
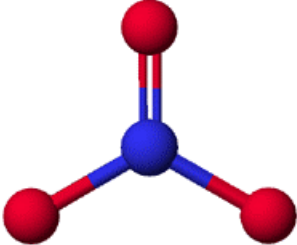
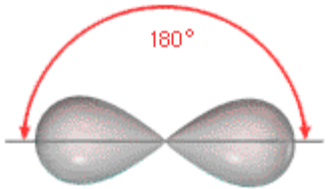

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Lewis Structure	Classification	Electron Pair Geometry (EPG)	Molecular Geometry (MG)	Bond Angle(s)	Polarity	Hybridization
<p>CH₄</p> 	<p>_____</p>			<p>_____</p>	<p>_____</p>	<p>_____</p>
<p>NH₃</p> 	<p>_____</p>			<p>_____</p>	<p>_____</p>	<p>_____</p>
<p>H₂O</p> 	<p>_____</p>			<p>_____</p>	<p>_____</p>	<p>_____</p>


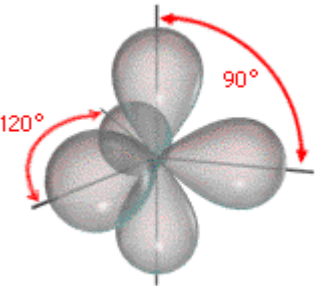
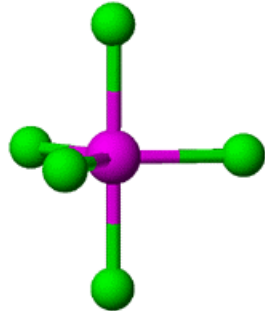

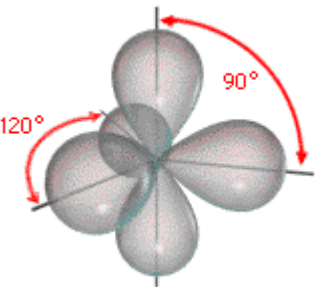
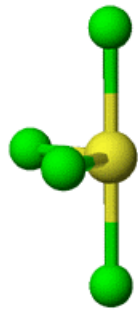
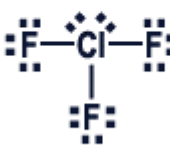
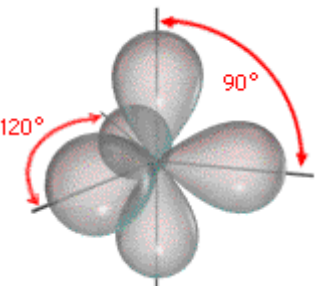
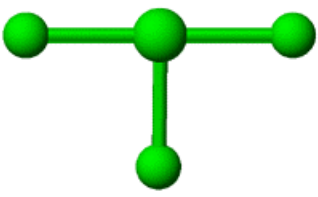
Molecular Geometry Worksheet ... Fall 2005 ... El-Rayyes ... Page 2

Lewis Structure	Classification	Electron Pair Geometry (EPG)	Molecular Geometry (MG)	Bond Angle(s)	Polarity	Hybridization
<p>ClO_4^-</p> 	<p>_____</p>			<p>_____</p>	<p>_____</p>	<p>_____</p>
<p>ClO_3^-</p> 	<p>_____</p>			<p>_____</p>	<p>_____</p>	<p>_____</p>
<p>H_2CO</p> 	<p>_____</p>			<p>_____</p>	<p>_____</p>	<p>_____</p>


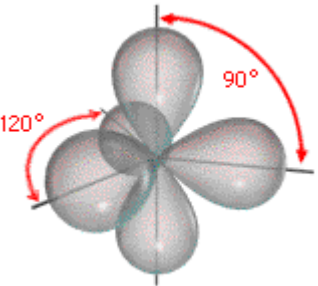

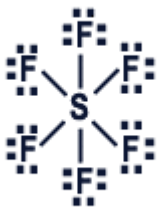
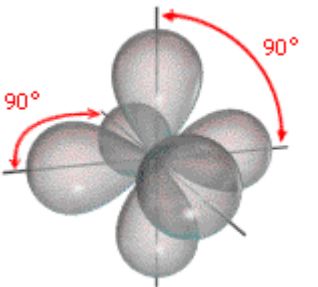
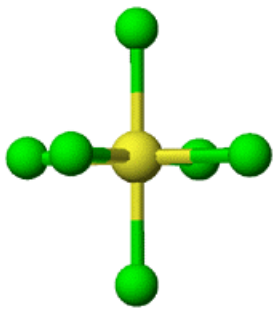

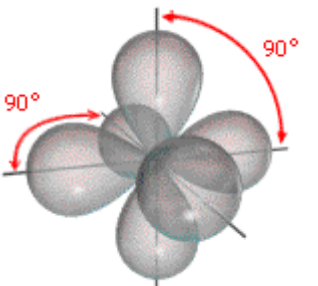
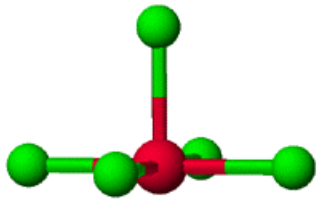
Molecular Geometry Worksheet ... Fall 2005 ... El-Rayyes... Page 3

Lewis Structure	Classification	Electron Pair Geometry (EPG)	Molecular Geometry (MG)	Bond Angle(s)	Polarity	Hybridization
<p>NO_2^-</p> 	<p>_____</p> <p>_____</p>		 <p>Angular</p>	<p>_____</p>	<p>_____</p>	<p>_____</p>
<p>NO_3^-</p> 	<p>_____</p> <p>_____</p> <p>_____</p>			<p>_____</p>	<p>_____</p>	<p>_____</p>
<p>HCN</p> <p>$\text{H}-\text{C}\equiv\text{N}:$</p>	<p>_____</p>			<p>_____</p>	<p>_____</p>	<p>_____</p>


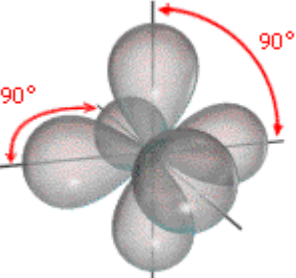

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Lewis Structure	Classification	Electron Pair Geometry (EPG)	Molecular Geometry (MG)	Bond Angle(s)	Polarity	Hybridization
<p>PF₅</p> 	<p>_____</p>			<p>_____</p> <p>_____</p>	<p>_____</p>	<p>_____</p>
<p>SF₄</p> 	<p>_____</p>			<p>_____</p> <p>_____</p>	<p>_____</p>	<p>_____</p>
<p>ClF₃</p> 	<p>_____</p>			<p>_____</p>	<p>_____</p>	<p>_____</p>

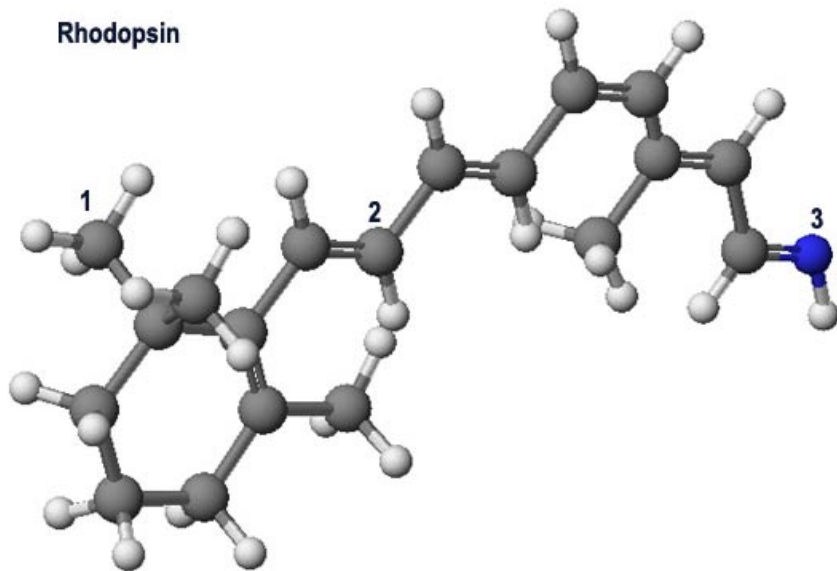
Molecular Geometry Worksheet ... Fall 2005 ... El-Rayyes... Page 5

Lewis Structure	Classification	Electron Pair Geometry (EPG)	Molecular Geometry (MG)	Bond Angle(s)	Polarity	Hybridization
<p>XeF₂</p> 	<p>_____</p>			<p>_____</p>	<p>_____</p>	<p>_____</p>
<p>SF₆</p> 	<p>_____</p>			<p>_____</p>	<p>_____</p>	<p>_____</p>
<p>BrF₅</p> 	<p>_____</p>			<p>_____</p>	<p>_____</p>	<p>_____</p>

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Lewis Structure	Classification	Electron Pair Geometry (EPG)	Molecular Geometry (MG)	Bond Angle(s)	Polarity	Hybridization
<p>XeF₄</p> 	_____			_____	_____	_____

Rhodopsin



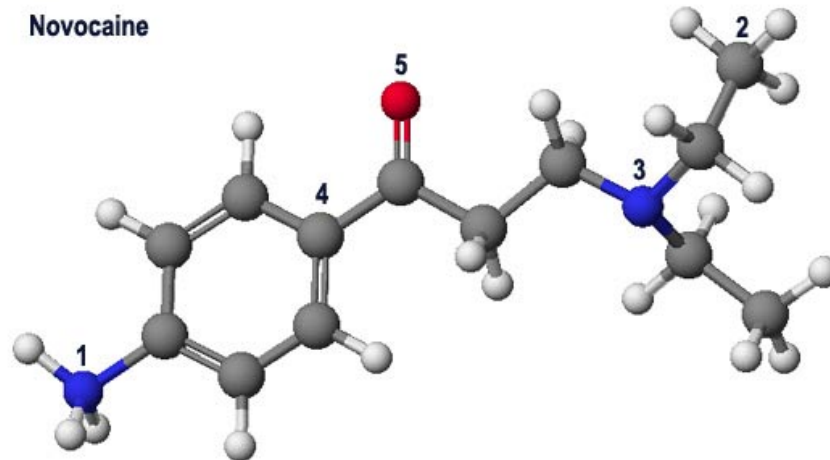
Bond Angles

C-1 _____

C-2 _____

N-3 _____

Novocaine



Bond Angles

N-1 _____

C-2 _____

N-3 _____

C-4 _____

O-5 _____ O lps - O - C Angle