

# Chemistry 20 - Unit 1 - Stereochemistry and Polarity – Extra Practice

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

Complete all of the following problems to the best of your ability. Ensure that you show all of your work as appropriate

<b>Chemical Name</b>	<b>Lewis Diagram</b>	<b>Stereochemical Formula and Diagram</b>	<b>Polar or Non-polar?</b>
<i>Carbonate ion</i>			
<i>Hydroxide ion</i>			
<i>Thiosulfate ion</i>			

<i>Phosphorus triiodide</i>			
<i>Hydrogen selenide</i>			
<i>Hypochlorite ion</i>			
<i>Thiocyanate ion</i>			

<i>Silicate ion</i>			
<i>Oxalate ion</i>			
<i>Dihydrogen phosphate ion</i>			
<i>Sulfur dioxide</i>			
<i>BFCI<sub>2</sub></i>			

$\text{SeClBr}$			
$\text{CH}_2\text{Br}_2$			
$\text{CH}_3\text{OH}$			
$\text{H}_2\text{S}$			
$\text{H}_3\text{O}^+$			