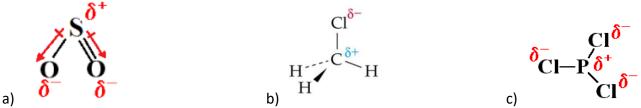
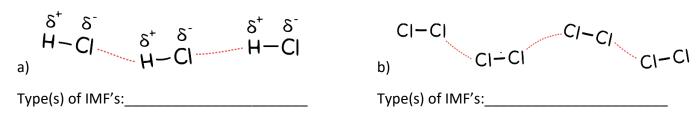
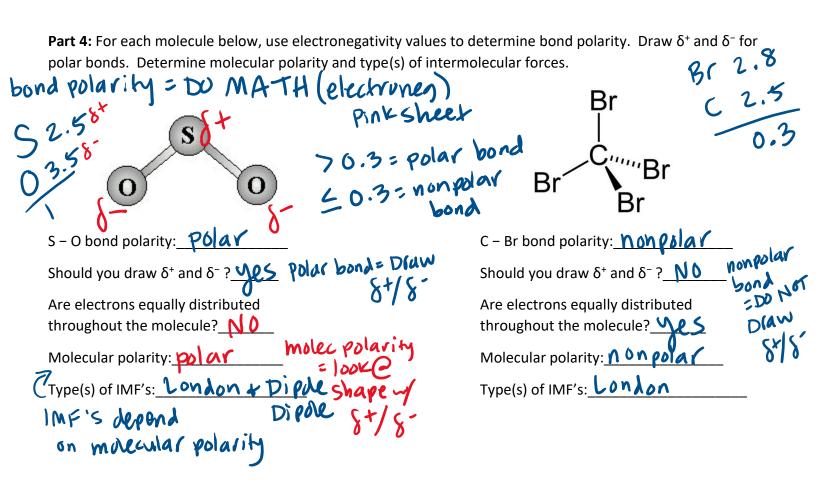
Warm-Up #21	Name:		Date:	
(δ^{\dagger})	-	b) Hero charge	$\begin{array}{c} \delta \\ C \\ C \end{array} - P \begin{array}{c} \delta \\ \delta \\ C \end{array} \begin{array}{c} O \\ O \\ O \end{array} \begin{array}{c} O \\ O \\ O \\ O \end{array}$	- 11/
a) Polar macculary Type(s) of IMF's: Copenals on y Part 3: Which substance	stance. δ London D molec. Polar from Part 2 wou	that represent intermolecular force between CI-CI b) Type(s) of IMF's: I	-CIME'S -CI-CI CI-CI nonpola ma	K.
Warm-Up #21 Part 1: Identify each mole	Name:ecule as either p	polar molecule or nonpolar molecule.	Date:	
42				



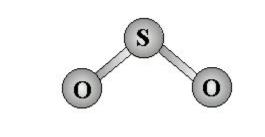
Part 2: For each substance, circle the lines that represent intermolecular forces (IMF's). Name the type(s) of IMF's present in each substance.



Part 3: Which substance from Part 2 would have the highest boiling point? Explain your reasoning.



Part 4: For each molecule below, use electronegativity values to determine bond polarity. Draw δ^+ and δ^- for polar bonds. Determine molecular polarity and type(s) of intermolecular forces.



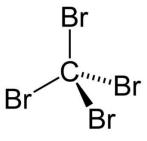
S – O bond polarity:_____

Should you draw δ^+ and δ^- ?_____

Are electrons equally distributed throughout the molecule?_____

Molecular polarity:_____

Type(s) of IMF's:_____



C – Br bond polarity:_____

Should you draw δ^+ and δ^- ?_____

Are electrons equally distributed throughout the molecule?

Molecular polarity:_____

Type(s) of IMF's:_____