Chem 112	Sprin	g 2020	Quiz 7	Whelan
SID	Last		First	
Question 1 3 Points	Rank the following salts soluble and 3 being the  • CaF <sub>2</sub> K <sub>sp</sub> • NiCO <sub>3</sub> K <sub>sp</sub> • Fe <sub>2</sub> S <sub>3</sub> K <sub>sp</sub>	least soluble. = 3.9×10 <sup>-11</sup> = 6.6×10 <sup>-9</sup>	increasing solubility w	ith 1 being the most
Question 2 6 Points  Question 3 7 Points	The maximum amount of phosphate solution is:	onic equation to show ag acid and calculate alt with acid.	why the solubility of A	M M(OH)3(s) increases in
Question 4 4 Points	Rank the following substances from 1-4 in order of increasing entropy with 1 being the lowest entropy and 4 being the highest entropy.			
	• SnCl <sub>4</sub> (I)			
	• SnCl4(g)			
	• Sn(s)			
	• SnO₂(s)			