Acid/Base II Written Response:

1.

(5 marks)

Calculate the initial concentration of a KF salt solution that has a pH=8.65. Begin by writing the equation for the predominant equilibrium reaction.

2.

(5 marks)

Calculate the pH of a 0.35M solution of the salt ammonium bromide. Begin by writing the equation for the predominant equilibrium.

A sample of the strong acid HCl(aq) is titrated with a sample of NH ₃ (aq), a weak base.											
Write the formula,	, complete ionic and ne	et ionic equations for	r the titration reac	tion.	(3 marks)						
				8	25						
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