Buffers 3 • CHEM 220

1) What volume of 0.250 M HCl must be added to 50.0 mL of 0.100 M ethylenediamine to prepare a buffer with a pH=7.00?

2) What will be the pH of the solution after the addition of 10.0 mL of 0.100 M NaOH to the buffer described in #1?