CHM 112 (Quiz 10)

NameShow all work and draw a box around your final answer.	Section
1. What is the pH of a solution made by combining 1.00 mole of benzoic as with 10.0 grams of sodium hydroxide (NaOH, mw=40.0 g·mol ⁻¹) and enough water to make a final volume of 1.00 liter. K_a for benzoic acid Hint: you just made a buffer solution.	d diluting with
2. What is the pH of the solution above when 500.0 ml of 0.500 M NaOH is use correct significant figures in expressing your final pH.	added? Please (10 pts)

3.			0 ml of the 0.500 ng your final pH.