

Buffer Balancing Acts Worksheet

1. Describe the contents of the four beakers and the color changes that were produced.

a. Beaker #1

b. Beaker #2

c. Beaker #3

d. Beaker #4

2. Explain the different color changes in Beaker #1 versus Beaker #2.

3. Explain the different color changes in Beaker #3 versus Beaker #4.

4. Compare the color changes in Part A with what happened when HCl and NaOH were added to the Alka-Seltzer solutions in Part B. What does this say about Alka-Seltzer?