

Name _____

Date _____

Period _____

pH Evaluation

1. What is the average pH of the fruit juice? _____

2. What is the average pH of the peppers? _____

3. What do you think happens to the pH when an acid and a base are mixed? Explain why you think this occurs.

4. Considering the materials we have, how can we test this? _____

5. Write the steps necessary to test the effect of mixing an acid and a base.

- _____
- _____
- _____
- _____
- _____
- _____

6. Complete the above steps.

7. What is the pH of the mixture? How does this pH differ from the pH of the original solutions?

8. Why do you think this happened? _____

9. Do you think this occurs when all acids and bases are mixed? Explain why you feel this way.
