**Name:**

**Date:**

**School:**

**Facilitator:**

3.06 pH Questions

**Answer the following questions.**

1. **Describe two techniques used to measure the pH of a solution.**
	1.
	2.
2. **Classify the following pH values as a weak base, weak acid, strong base, strong acid, or neutral:**
	1. **9.0** −
	2. **1.3** −
	3. **13.1** −
	4. **6.5** −
	5. **12.0** −
	6. **5.7** −
	7. **7.0** −
	8. **8.9** −
3. **Lemons have a pH of 2.5. How would you describe the pH of lemons?**
4. A student placed a drop of an unknown solution on a piece of blue litmus paper and the paper turned pink. What does this indicate?
5. A student placed a drop of an unknown solution on a piece of red litmus paper and the paper turned blue. What does this indicate?