Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Complete the table as you complete the lab

|  |  |  |  |
| --- | --- | --- | --- |
| Solution | Predicted pH | Actual pH | Acid or Base |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

1. On the back of this sheet, draw the pH scale. Label
   1. Place each solution from the table above onto your table
   2. Label the range for acids and for bases
   3. Color
2. What pH range is associated with acids? Bases? Neutral?
3. What makes a substance and acid or a base on the chemical level?