Name Period Date

How to Find pH

**STARTER: Draw and label the pH scale on your paper.**

Directions:

1. Test each substance with the pH number paper first and record the number in the table below.
2. Predict the results for your litmus paper test and record your prediction under the hypothesis column in the table below.
3. Test each substance using the blue and the red litmus paper and record your results below.
4. For each substance, decide if it is an acid, a base, or neutral.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Name of Substance | pH  Number  Paper | Hypo-  thesis | Check One | | | Check One | | |
| Red to  Blue | Blue to Red | No  Change | Acid | Base | Neutral |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |