VIDEO GUIDE FOR BOZEMAN BIOLOGY – ACIDS, BASES AND PH

How is lichen related to the study of acids and bases?

Occasionally water molecules will \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and produce \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ions and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ions.

Anything that increases H+ ions is an \_\_\_\_\_\_\_\_\_\_\_\_

Anything that increases OH- ions is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What is pH?

How does NaOH lower the concentration of H+?

Complete the following table

|  |  |  |
| --- | --- | --- |
| property | acids | bases |
| H+ concentration |  |  |
| pH |  |  |
| Litmus |  |  |

Strong acids \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ dissociate, weak acids occasionally \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.