

____ 36. A substance that tastes bitter, feels slippery, and turns red litmus paper blue is a(n)
a. acid.
b. base.

____ 37. Any substance that forms hydrogen ions (H^+) in water is a(n)
a. acid.
b. base.

____ 38. Acids naturally present in food are safe to eat because they usually are
a. strong.
b. weak.

____ 39. The pH scale measures the
a. strength of an acid.
b. concentration of hydrogen ions.

____ 40. Neutralization is a reaction between
a. an acid and a base.
b. an acid and a metal.