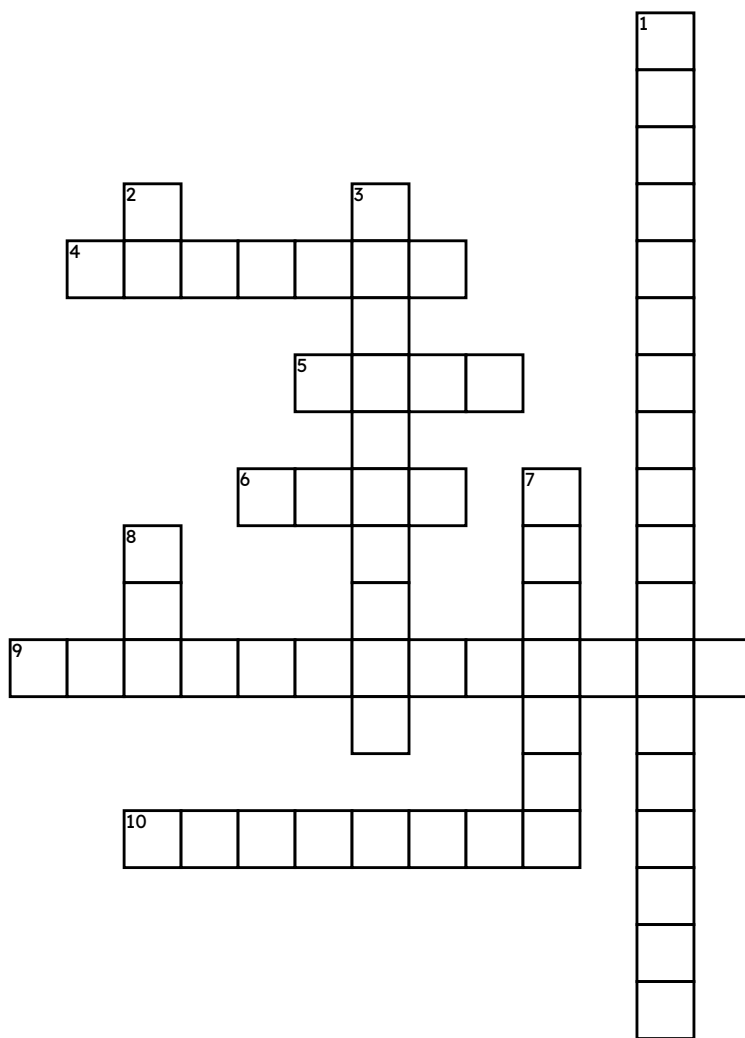


# Unit 3.2 Vocab



## Across

- 4.** A numeric range that quantifies the concentrations of hydrogens ions (H+) and hydroxyl ions (OH-) in a solution.
- 5.** A substance that gives off hydroxyl ions when dissolved in water; any substance with a pH above 7.0.
- 6.** A substance containing hydrogen that dissolves to form hydrogen ions in water; any substance with a pH less than 7.0.
- 9.** The amount of a substance that is dissolved in a given volume of liquid.
- 10.** The chemical formula of one atom of hydrogen and one of oxygen.

## Down

- 1.** In animals, the passage of digested food from the stomach into the circulatory (blood) system. In plants, the intake of water, gases, nutrients, or other substances.
- 2.** A numerical measure of acidity ( or hydrogen ions) in a substance; the measure of alkalinity (or hydroxyl ions) in a substance.
- 3.** The measure of how many hydroxyl ions a solution contains.
- 7.** Exhibiting neither acid nor alkaline qualities.
- 8.** An atom carrying an electrical charge that may be positive or negative.

## Word Bank

Nutrient absorption  
Ion  
Hydroxyl  
Base

Neutral  
Concentration  
pH

pH scale  
Acid  
Alkalinity