

1. When the pH of a solution becomes more acidic, the number on the pH scale

- a) Decreases
- b) Increases
- c) Stays the same
- d) Doubles

2. When the pH of a solution becomes more basic, the number on the pH scale

- a) Decreases
- b) Increases
- c) Stays the same
- d) Triples

3. When the pH of a solution becomes more acidic, the concentration of H_3O^+ ions

- a) Decreases
- b) Increases
- c) Stays the same
- d) Doubles

4. When the pH of a solution becomes more basic, the concentration of H_3O^+ ions

- a) Decreases
- b) Increases
- c) Stays the same
- d) Triples

5. If a solution is acidic, it can be neutralized by adding

- a) A stronger acid
- b) Heat
- c) A base
- d) A weaker acid

6. If a solution is basic, it can be neutralized by adding

- a) An acid
- b) A weaker base
- c) More base
- d) A colder base