ALBERTA SCIENCE 20 · UNIT A · 5 QUESTIONS

Chemical Changes — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **An aqueous solution is best described as a solution in which**

- **A** water is the solvent
- **B** alcohol is the solvent
- **C** the solute is always a gas
- **D** no solute is present

Understand It with Pulse | Flag a mistake

2 **Blue and green recycling bins filled with paper and bottles outside a school. When blue litmus paper is placed in an acidic solution, it**



A remains blue

B turns red

C turns green

D turns colourless

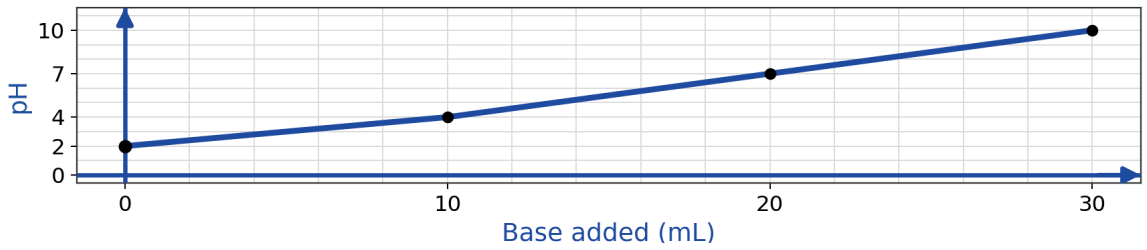
Understand It with Pulse | Flag a mistake

3 **Antacid tablets relieve excess stomach acid because they contain a substance that is**

- **A** a strong acid
- **B** an oxidizing agent
- **C** a base
- **D** a catalyst

Understand It with Pulse | Flag a mistake

4 **The graph shows the pH of a solution as a base is added. The pH after 20 mL of base has been added is**



- **A** 2
- **B** 4
- **C** 7
- **D** 10

Understand It with Pulse | Flag a mistake

5 **Which of the following is an example of oxidation?**

A An iron nail rusting

B Ice melting

C Water boiling

D Sugar dissolving in water

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. A
2. B
3. C
4. C
5. A

© 2026 Brett Robbins. All Rights Reserved.