ENGLAND GCSE CHEMISTRY OCR GATEWAY HIGHER · UNIT 3 · 5 QUESTIONS

Chemical Reactions — 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 so it can be fixed.

1 **Paintbrushes are used with paint. What is paint an example of?**

- A an element
- B a formulation
- C a pure substance
- D a compound

Understand It with Pulse | Flag a mistake

2 **A castle wall is made of stone. What type of rock is limestone?**

- A volcanic
- B igneous
- C metamorphic
- D sedimentary

Understand It with Pulse | Flag a mistake

3 **A reaction makes 25 g of useful product from 100 g of reactants in total. What is the atom economy?**

- A 75%
- B 25%
- C 12%
- D 50%

Understand It with Pulse | Flag a mistake

4 **Which pair of metals gives the biggest voltage in a cell?**

- A zinc and iron in the same cell
- B iron and copper in the same cell
- C copper and zinc in the same cell
- D magnesium and copper

Understand It with Pulse | Flag a mistake

5 **Lemons taste sour. What does sour taste show?**

A an acid is present

B a salt is present

C a metal is present

D an alkali is present

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

© 2026 Brett Robbins. All Rights Reserved.