ENGLAND GCSE CHEMISTRY AQA FOUNDATION · UNIT 3 · 5 QUESTIONS

Quantitative Chemistry — 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 **Lemons contain citric acid. What is the pH of lemon juice likely to be?**

- A 12
- B 14
- C 7
- D 2

Understand It with Pulse | Flag a mistake

2 **A chocolate cake is baked. Is baking a chemical change?**

- A yes
- B never
- C sometimes
- D no

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3 **The maximum possible mass of product is 100 g. A student makes 50 g. What is the percentage yield?**

- A 60%
- B 50%
- C 100%
- D 40%

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4 **What is the mass of 4 moles of a substance with a relative formula mass of 40?**

- A 160 g
- B 320 g
- C 80 g
- D 170 g

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5 **How many moles are there in 24 g of a substance with a relative formula mass of 16?**

- A 1.5
- B 0.75
- C 4.5
- D 3

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ANSWER KEY

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

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