ENGLAND GCSE COMBINED SCIENCE AQA TRILOGY FOUNDATION · UNIT 10 · 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 **Hardcover books are dropped. What happens to their speed as they fall?**

A it becomes zero

B it increases

C it stays the same

D it decreases

Understand It with Pulse | Flag a mistake

2 **How many moles are there in 8 g of a substance with a relative formula mass of 20?**

A 1.2

B 0.4

C 0.8

D 0.2

Understand It with Pulse | Flag a mistake

3 **Silver coins are made of a metal. Which property do metals have?**

A they are brittle

B they do not conduct electricity at all

C they dissolve in water

D they conduct electricity

Understand It with Pulse | Flag a mistake

4 **What is the mass of 3 moles of a substance with a relative formula mass of 16?**

- A 24 g
- B 48 g
- C 96 g
- D 58 g

Understand It with Pulse | Flag a mistake

5 **Lemons contain citric acid. What do acids make with metals?**

- A a salt and hydrogen
- B water only, nothing else
- C a salt and oxygen gas
- D a salt and water, never hydrogen

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

© 2026 Brett Robbins. All Rights Reserved.