ENGLAND GCSE CHEMISTRY AQA HIGHER · UNIT 6 · 5 QUESTIONS

The Rate and Extent of Chemical Change — 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 **A thermometer is placed in hot water. What happens to the liquid inside the thermometer?**

- **A** it freezes
- **B** it expands
- **C** it evaporates
- **D** it contracts

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2 **A reaction makes 3 moles of gas. What volume does the gas occupy at room temperature and pressure?**

- A 72 dm^3
- B 60 dm^3
- C 84 dm^3
- D 144 dm^3

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3 **A solution has a concentration of 1 mol per cubic decimetre. How many moles are in 2 cubic decimetres of the solution?**

- A 1 mol
- B 4 mol
- C 2 mol
- D 3 mol

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4 **Which factor increases the rate of a reaction?**

A a lower temperature

B larger pieces

C a lower concentration

D a higher temperature

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5 **Why does increasing the pressure of a gas increase the rate?**

A the temperature falls

B particles get smaller

C particles are closer together

D particles move more slowly in the gas

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ANSWER KEY

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

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