ENGLAND GCSE MATHS AQA HIGHER · UNIT 3 · 5 QUESTIONS

Algebra, Notation, Vocabulary and Manipulation — 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 **A sandwich costs s pounds. The cost, in pounds, of 6 sandwiches and a £3 drink is**

- A 6s - 3
- B 7s + 3
- C 6(s + 3)
- D 6s + 3

Understand It with Pulse | Flag a mistake

2 **Simplify 4p + 3b + 2p - 2b, where p is the number of paintbrushes and b is the number of hardcover books.**

- A b
- B 6p
- C 6p + 5b
- D 6p + b

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3 **Write an expression for 7 less than 2 times a number x**

- A 7 - 2x
- B 7x - 2
- C 2x - 7
- D 2x + 7

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4 **The height of a rocket, in metres, after t seconds is $h = 25t - 5t^2$. When t = 2, the height is**

- **A** 50
- **B** 30
- **C** 35
- **D** 25

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5 **A tennis ball costs a pounds. The total cost, in pounds, of 4 tennis balls is**

- **A** $a + 4$
- **B** $4a^2$
- **C** a^4
- **D** 4a

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ANSWER KEY

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

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