ENGLAND GCSE MATHS EDEXCEL 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 5 sandwiches and a £4 drink is**

- **A** 6s + 4
- **B** 5s + 4
- **C** 5s - 4
- **D** 5(s + 4)

Understand It with Pulse | Flag a mistake

2 **A tennis ball costs a pounds. The total cost, in pounds, of 6 tennis balls is**

A $6a^2$

B a^6

C a + 6

D 6a

Understand It with Pulse | Flag a mistake

3 **Factorise 2x + 14**

A 2(x + 14)

B x(2 + 7)

C 2(x - 7)

D 2(x + 7)

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4 **Write in its simplest form $\frac{10x}{10}$**

- **A** x
- **B** 2x
- **C** x^2
- **D** $\frac{x}{2}$

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5 **Write in its simplest form 2a + 4b + 3a - 2b, where a is the number of red apples and b is the number of lemons.**

- **A** 5a
- **B** 5a + 2b
- **C** 5a + 6b
- **D** 2b

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ANSWER KEY

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

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