ENGLAND GCSE MATHS OCR HIGHER · UNIT 5 · 5 QUESTIONS

Algebra, Equations and Inequalities — 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 x pounds. 4 sandwiches cost £16. The value of x is**

- A £5
- B £4
- C £16
- D £3

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2 **Two hardcover books and one calculator cost £15. One hardcover book and two calculators cost £12. The cost of one calculator is**

- A £3
- B £2
- C £4
- D £6

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3 **A cup of coffee costs x pounds. 3 cups of coffee cost £9. The value of x is**

- A £4
- B £9
- C £3
- D £2

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4 **Solve $x^2 + 2x - 8 = 0$**

- **A** x = 2 or x = -4
- **B** x = -2 or x = 5
- **C** x = -2
- **D** x = -2 or x = 4

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5 **Solve $3x + 9 = 33$**

- **A** x = 7
- **B** x = 8
- **C** x = 11
- **D** x = 9

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ANSWER KEY

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

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