ENGLAND GCSE MATHS OCR FOUNDATION · 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 guitar costs x pounds. Two guitars and a £15 case cost £125. The value of x is**

A £50

B £60

C £110

D £55

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2 **Two hardcover books and one calculator cost £16. One hardcover book and two calculators cost £17. The cost of one calculator is**

- A £7
- B £8
- C £5
- D £6

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3 **Solve the simultaneous equations x + y = 9, x - y = -5**

- A x = 3, y = 7
- B x = 2, y = 8
- C x = 7, y = 2
- D x = 2, y = 7

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4 **A cup of coffee costs x pounds. 3 cups of coffee cost £12. The value of x is**

- A £3
- B £4
- C £5
- D £12

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5 **The formula v = u + at gives v = 21 when u = 6, a = 5 and t = 3. Rearrange the formula to make t the subject.**

- A t = v + u/a
- B t = v - u - a
- C t = (v - u) × a
- D t = v - u/a

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ANSWER KEY

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

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