ENGLAND GCSE MATHS AQA 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 cup of coffee costs x pounds. 3 cups of coffee cost £6. The value of x is**

- A £1
- B £3
- C £2
- D £6

Understand It with Pulse | Flag a mistake

2 **Solve the simultaneous equations x + y = 5, x - y = -1**

A x = 2, y = 3

B x = 2, y = 4

C x = 3, y = 3

D x = 3, y = 2

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3 **The formula v = u + at gives v = 21 when u = 5, a = 4 and t = 4. 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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4 **A bicycle costs x pounds. After a £50 discount it costs £80. The value of x is**

- A £130
- B £140
- C £80
- D £30

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5 **Solve 4x + 4 = x + 28**

- A x = 8
- B x = 10
- C x = 9
- D x = 7

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ANSWER KEY

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

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