ENGLAND GCSE MATHS EDEXCEL 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 bicycle costs x pounds. After a £20 discount it costs £80. The value of x is**

- A £60
- B £110
- C £100
- D £80

Understand It with Pulse | Flag a mistake

2 **Solve 7x + 7 = 70**

A x = 11

B x = 9

C x = 10

D x = 8

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3 **Solve 5(x + 1) = 50**

A x = 8

B x = 9

C x = 11

D x = 10

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4 **The formula v = u + at gives v = 18 when u = 3, 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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5 **Solve 3x + 2 = 2x + 7**

- **A** x = 4
- **B** x = 2
- **C** x = 6
- **D** x = 5

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ANSWER KEY

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

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