ENGLAND GCSE MATHS EDEXCEL FOUNDATION · 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 **Write in its simplest form 3a + 5b + 3a - b, where a is the number of red apples and b is the number of lemons.**

- **A** 6a
- **B** 6a + 6b
- **C** 6a + 4b
- **D** 4b

Understand It with Pulse | Flag a mistake

2 **Write in its simplest form** $\frac{15x^2}{5x}$

- **A** 3x
- **B** $\frac{x}{3}$
- **C** $3x^2$
- **D** x

Understand It with Pulse | Flag a mistake

3 **Write an expression for 7 more than 2 times a number x**

- **A** 2x - 7
- **B** 7x + 2
- **C** 2x × 7
- **D** 2x + 7

Understand It with Pulse | Flag a mistake

4 Multiply out (x + 6)(x + 4)

- A $x^2 - 10x + 24$
- B $x^2 + 2x + 24$
- C $x^2 + 10x + 24$
- D $x^2 + 10x - 24$

Understand It with Pulse | Flag a mistake

5 Factorise $6x^2 - 18x$

- A $6x(x + 3)$
- B $x(6x - 3)$
- C $2(x^2 - 3x)$
- D $6x(x - 3)$

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

© 2026 Brett Robbins. All Rights Reserved.