ENGLAND GCSE MATHS AQA 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 **The height of a rocket, in metres, after t seconds is $h = 20t - 5t^2$. When $t = 1$, the height is**

- A 15
- B 25
- C 20
- D 10

Understand It with Pulse | Flag a mistake

2 **Write an expression for 6 more than 2 times a number x**

A 2x - 6

B 2x × 6

C 2x + 6

D 6x + 2

Understand It with Pulse | Flag a mistake

3 **Expand 2(x + 6)**

A 2x + 6

B 2x + 12

C 2x + 8

D 8x + 12

Understand It with Pulse | Flag a mistake

4 **Expand (x - 1)(x + 6)**

A $x^2 - 5x - 6$

B $x^2 - 7x - 6$

C $x^2 + 5x + 6$

D $x^2 + 5x - 6$

Understand It with Pulse | Flag a mistake

5 $\frac{x^5}{x^4}$ **is equal to**

A x^0

B x^{20}

C x^1

D x^9

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

© 2026 Brett Robbins. All Rights Reserved.