ENGLAND GCSE MATHS AQA HIGHER · UNIT 6 · 5 QUESTIONS

Algebra, Sequences — 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 **Hardcover books are arranged in piles of 6, 12, 18, 24. The next pile has**

- A 24
- B 18
- C 36
- D 30

Understand It with Pulse | Flag a mistake

2 **Nesting dolls decrease in height by 3 cm each time: 28, 25, 22, 19. The next height is**

- A 22
- B 13
- C 19
- D 16

Understand It with Pulse | Flag a mistake

3 **A honeybee visits flowers: 5, 8, 11, 14. The next number is**

- A 17
- B 23
- C 20
- D 14

Understand It with Pulse | Flag a mistake

4 **A sunflower is 8 cm tall. It grows 5 cm each week. Its height after 5 weeks is**

- A 38
- B 23
- C 33
- D 28

Understand It with Pulse | Flag a mistake

5 **The nth term of the sequence 1, -1, -3, -5 is**

A -2n - 3

B -n + 3

C -2n + 3

D 3n - 2

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

© 2026 Brett Robbins. All Rights Reserved.