ENGLAND GCSE MATHS EDEXCEL 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 **A sunflower is 10 cm tall. It grows 4 cm each week. Its height after 6 weeks is**

- A 30
- B 26
- C 34
- D 38

Understand It with Pulse | Flag a mistake

2 **The 25th term of the sequence with nth term 7n + 6 is**

- A 181
- B 188
- C 169
- D 174

Understand It with Pulse | Flag a mistake

3 **Is 47 a term of the sequence with nth term 3n + 2?**

- A Yes, it is the 15th term
- B Yes, it is the 16th term
- C No, it is not a term
- D Yes, it is the 14th term

Understand It with Pulse | Flag a mistake

4 **A thermometer records the temperature falling by 2 degrees each hour: 26, 24, 22, 20. The next temperature is**

- A 18
- B 22
- C 16
- D 20

Understand It with Pulse | Flag a mistake

5 **Hardcover books are arranged in piles of 3, 6, 9, 12. The next pile has**

A 9

B 15

C 18

D 12

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

© 2026 Brett Robbins. All Rights Reserved.