ENGLAND GCSE MATHS EDEXCEL FOUNDATION · 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 thermometer records the temperature falling by 3 degrees each hour: 24, 21, 18, 15. The next temperature is**

- A 9
- B 18
- C 15
- D 12

Understand It with Pulse | Flag a mistake

2 **Hardcover books are arranged in piles of 4, 8, 12, 16. The next pile has**

- A 16
- B 12
- C 20
- D 24

Understand It with Pulse | Flag a mistake

3 **The 50th term of the sequence with nth term 5n + 6 is**

- A 244
- B 261
- C 256
- D 251

Understand It with Pulse | Flag a mistake

4 **Nesting dolls decrease in height by 2 cm each time: 32, 30, 28, 26. The next height is**

- A 26
- B 24
- C 22
- D 28

Understand It with Pulse | Flag a mistake

5 **Is 63 a term of the sequence with nth term 5n + 2?**

A Yes, it is the 12th term

B No, it is not a term

C Yes, it is the 13th term

D No, it is the first term

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ANSWER KEY

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

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