ENGLAND GCSE MATHS OCR FOUNDATION · UNIT 4 · 5 QUESTIONS

Algebra, Graphs — 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 bicycle path falls 2 m for every 5 m it goes across. The gradient of the path is**

- **A** -5/2
- **B** -2/5
- **C** -3/5
- **D** $\frac{2}{5}$

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2 A wooden footbridge rises 1 m over a run of 5 m. Its gradient is

- **A** $\frac{1}{5}$
- **B** 5
- **C** $\frac{1}{6}$
- **D** $\frac{2}{5}$

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3 A sunflower grows 4 cm every week. The gradient of its height-time graph is

- **A** 4
- **B** 5
- **C** 8
- **D** 3

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4 A line is parallel to $y = -2x + 4$. The gradient of the parallel line is

- A: -2
- B: 2
- C: $\frac{1}{2}$
- D: -1

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5 A kite string has gradient $\frac{3}{2}$. It goes 6 m across. How high is the kite?

- A: 12
- B: 9
- C: 15
- D: 6

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ANSWER KEY

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

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