ENGLAND GCSE MATHS EDEXCEL 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 4 m it goes across. The gradient of the path is**

- A -1/2
- B -3/4
- C $\frac{1}{2}$
- D -2

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2 **The midpoint of the line joining (3, 1) and (9, 7) is**

- A (6, 4)
- B (3, 7)
- C (9, 1)
- D (3, 3)

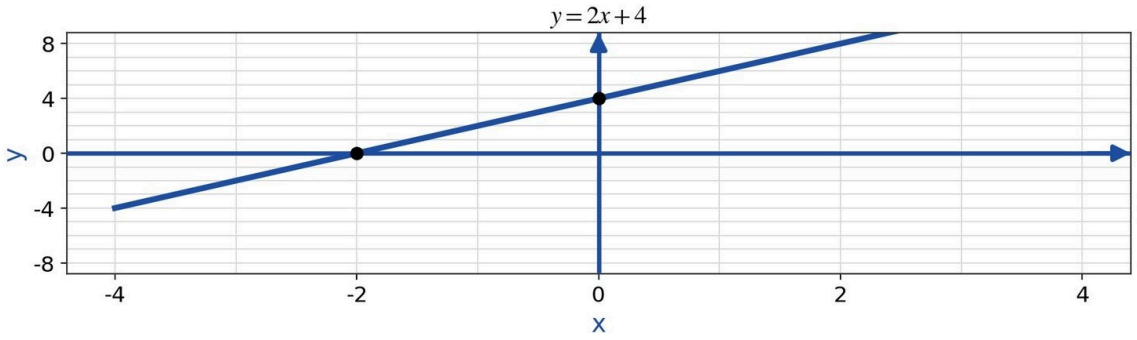
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3 **A wooden footbridge rises 2 m over a run of 8 m. Its gradient is**

- **A** $\frac{1}{5}$
- **B** $\frac{1}{4}$
- **C** $\frac{1}{2}$
- **D** 4

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4 **The graph shows y = 2x + 4. The value of y when x = 3 is**



A 2

B 12

C 10

D 8

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

- **A** 2
- **B** 4
- **C** 6
- **D** 8

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ANSWER KEY

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

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