ENGLAND GCSE MATHS EDEXCEL FOUNDATION · UNIT 11 · 5 QUESTIONS

Geometry, Pythagoras, Trigonometry and Vectors — 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 passenger aeroplane takes off at an angle of 30° and flies 100 m. Its height is**

- A 60
- B 40
- C 100
- D 50

Understand It with Pulse | Flag a mistake

2 **A rocket climbs at an angle of 30° to the ground and travels 200 m. Its height is**

- A 90
- B 110
- C 100
- D 200

Understand It with Pulse | Flag a mistake

3 **In a right-angled triangle, the hypotenuse is 14 cm and one angle is 30°. The side opposite the 30° angle is**

- A 7 cm
- B 8 cm
- C 6 cm
- D 14 cm

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4 **A brown dog walks 9 m east and then 12 m north. How far is it from its starting point?**

- A 16
- B 15
- C 14
- D 21

Understand It with Pulse | Flag a mistake

5 **A kite string is 10 m long and makes an angle of 30° with the ground. The height of the kite is**

- A 5
- B 4
- C 6
- D 10

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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