ENGLAND GCSE MATHS EDEXCEL HIGHER · UNIT 8 · 5 QUESTIONS

Proportion, Rates of Change, Growth and Decay — 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 so it can be fixed.

1 **A rocket travels 1200 km in 2 hours. Its average speed is**

- A 700
- B 600
- C 500
- D 1200

Understand It with Pulse | Flag a mistake

2 **A red race car worth £8000 loses 10% of its value each year. How much is it worth after one year?**

- A £7200
- B £7920
- C £800
- D £8200

Understand It with Pulse | Flag a mistake

3 **Convert 90 km/h into $\frac{m}{s}$**

- A 324
- B 25
- C 30
- D 50

Understand It with Pulse | Flag a mistake

4 **A passenger aeroplane travels 1000 km in 2 hours. Its average speed is**

- A 500
- B 600
- C 1000
- D 400

Understand It with Pulse | Flag a mistake

5 **y is directly proportional to x and y = 6 when x = 2. Find y when x = 8.**

- A 24
- B 27
- C 11
- D 48

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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