ENGLAND GCSE MATHS EDEXCEL FOUNDATION · 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 3600 km in 4 hours. Its average speed is**

- A 900
- B 1000
- C 1800
- D 800

Understand It with Pulse | Flag a mistake

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

A 27

B 24

C 11

D 48

Understand It with Pulse | Flag a mistake

3 **A passenger aeroplane travels 1200 km in 2 hours. Its average speed is**

A 700

B 600

C 1200

D 500

Understand It with Pulse | Flag a mistake

4 **A force of 360 N acts on an area of 4 m². The pressure, in $\frac{N}{m^2}$, is**

- A 95
- B 180
- C 90
- D 1440

Understand It with Pulse | Flag a mistake

5 **Water flows into a swimming pool at 20 litres per minute. How long does it take to fill 1200 litres?**

- A 70
- B 120
- C 50
- D 60

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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