ENGLAND GCSE MATHS OCR 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 1200 km in 3 hours. Its average speed is**

- A 400
- B 800
- C 300
- D 500

Understand It with Pulse | Flag a mistake

2 **Water flows into a swimming pool at 10 litres per minute. How long does it take to fill 600 litres?**

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

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3 **A force of 200 N acts on an area of 6 m². The pressure, in $\frac{N}{m^2}$, is**

- A 38
- B 1200
- C 33
- D 100

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4 **A passenger train travels 150 km in 1.5 hours. Its average speed, in km/h, is**

- A 50
- B 110
- C 100
- D 225

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5 **A population of 200 grows by 3% each year. After 3 years the population is about**

- A 219
- B 400
- C 239
- D 218

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ANSWER KEY

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

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