ENGLAND GCSE MATHS OCR HIGHER · UNIT 7 · 10 QUESTIONS

# Ratio, Proportion and Percentages — 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 pack of 5 red apples costs £2 and a pack of 10 red apples costs £3. Which pack is better value?**

- A The pack of 5
- B The pack of 10
- C They are the same value
- D Neither pack

Understand It with Pulse | Flag a mistake

2 **Glass marbles are shared between two children in the ratio 2 : 4. There are 30 marbles altogether. The smaller share is**

- A 10
- B 30
- C 11
- D 20

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3 **The ratio of burgers to chicken nuggets on a school lunch tray is 3 : 4. There are 6 burgers. How many chicken nuggets are there?**

- A 9
- B 6
- C 8
- D 14

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4 **The ratio of lemons to oranges is 2 : 5. There are 8 lemons. How many oranges are there?**

- A 21
- B 8
- C 28
- D 20

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5 **There are 100 silver coins. 75% of them are old. How many old silver coins are there?**

- A 30
- B 75
- C 85
- D 37

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6 **Find 65% of 200**

A 130

B 70

C 65

D 140

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7 **Two numbers are in the ratio 3 : 2 and their sum is 15. The smaller number is**

A 3

B 6

C 9

D 7

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8 **The exchange rate is £1 = 1.25 euros. How many euros do you get for £400?**

- A 320
- B 500
- C 510
- D 490

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9 **Share £140 in the ratio 3 : 4. How much does Beth get, if Beth gets the first share?**

- A £20
- B £60
- C £80
- D £65

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**10** **A wage of £120 per week increases by 18%. The new weekly wage is**

- **A** £138
- **B** £141.60
- **C** £125.60
- **D** £151.60

Understand It with Pulse | Flag a mistake

## ANSWER KEY

| | | | | | |
|---|---|---|---|---|---|
| **1.** | B | **5.** | B | **9.** | B |
| **2.** | A | **6.** | A | **10.** | B |
| **3.** | C | **7.** | B | | |
| **4.** | D | **8.** | B | | |

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