ENGLAND GCSE MATHS OCR FOUNDATION · 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 6 red apples costs £4 and a pack of 12 red apples costs £7. Which pack is better value?**

- A The pack of 12
- B The pack of 6
- C Neither pack
- D They are the same value

Understand It with Pulse | Flag a mistake

2 **Glass marbles are shared between two children in the ratio 2 : 3. There are 15 marbles altogether. The smaller share is**

- A 9
- B 7
- C 15
- D 6

Understand It with Pulse | Flag a mistake

3 **A chocolate cake recipe for 6 people uses 300 g of flour. How much flour is needed for 12 people?**

- A 600
- B 650
- C 300
- D 750

Understand It with Pulse | Flag a mistake

4 **The ratio of burgers to chicken nuggets on a school lunch tray is 3 : 5. There are 9 burgers. How many chicken nuggets are there?**

- A 9
- B 24
- C 16
- D 15

Understand It with Pulse | Flag a mistake

5 **Share £210 in the ratio 2 : 5. How much does Eli get, if Eli gets the first share?**

- A £90
- B £150
- C £30
- D £60

Understand It with Pulse | Flag a mistake

6 **Find 55% of 600**

A 330

B 165

C 270

D 360

Understand It with Pulse | Flag a mistake

7 **Write the ratio 12 : 30 in its simplest form**

A 12 : 30

B 4 : 10

C 5 : 2

D 2 : 5

Understand It with Pulse | Flag a mistake

8 **The exchange rate is £1 = 1.20 euros. How many euros do you get for £100?**

- A 120
- B 83.33
- C 130
- D 110

Understand It with Pulse | Flag a mistake

9 **The ratio of lemons to oranges is 3 : 5. There are 12 lemons. How many oranges are there?**

- A 32
- B 12
- C 21
- D 20

Understand It with Pulse | Flag a mistake

10 **Two numbers are in the ratio 3 : 2 and their sum is 30. The smaller number is**

A 12

B 6

C 18

D 13

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	A	**5.**	D	**9.**	D
2.	D	**6.**	A	**10.**	A
3.	A	**7.**	D		
4.	D	**8.**	A		

© 2026 Brett Robbins. All Rights Reserved.