ENGLAND GCSE MATHS AQA 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 **There are 200 silver coins. 40% of them are old. How many old silver coins are there?**

- **A** 90
- **B** 40
- **C** 125
- **D** 80

Understand It with Pulse | Flag a mistake

2 **Red apples cost £12 for 5 kg. How much do 3 kg of red apples cost?**

- A £9
- B £7
- C £36
- D £12

Understand It with Pulse | Flag a mistake

3 **The exchange rate is £1 = 1.25 euros. How many euros do you get for £200?**

- A 160
- B 250
- C 260
- D 240

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4 **On a map, 1 cm represents 20 km. Two towns are 6 cm apart on the map. How far apart are they in real life, in km?**

- A 6
- B 140
- C 240
- D 120

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5 **Write the ratio 16 : 4 in its simplest form**

- A 1 : 4
- B 4 : 1
- C 8 : 2
- D 16 : 4

Understand It with Pulse | Flag a mistake

6 **Work out 85% of 200**

A 30

B 180

C 170

D 85

Understand It with Pulse | Flag a mistake

7 **A chocolate cake recipe for 4 people uses 200 g of flour. How much flour is needed for 8 people?**

A 200

B 450

C 500

D 400

Understand It with Pulse | Flag a mistake

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

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

Understand It with Pulse | Flag a mistake

9 **Two numbers are in the ratio 5 : 2 and their sum is 35. The smaller number is**

- A 15
- B 5
- C 10
- D 25

Understand It with Pulse | Flag a mistake

10 **Glass marbles are shared between two children in the ratio 3 : 4. There are 35 marbles altogether. The smaller share is**

- A 15
- B 20
- C 35
- D 16

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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