ENGLAND GCSE MATHS AQA 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 4 red apples costs £2 and a pack of 8 red apples costs £3. Which pack is better value?**

- A Neither pack
- B They are the same value
- C The pack of 4
- D The pack of 8

Understand It with Pulse | Flag a mistake

2 **A chocolate cake recipe for 4 people uses 400 g of flour. How much flour is needed for 8 people?**

- A 800
- B 1000
- C 850
- D 400

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

- A 4
- B 11
- C 14
- D 10

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4 **Work out 85% of 600**

A 255

B 90

C 510

D 540

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5 **A wage of £120 per week increases by 25%. The new weekly wage is**

A £150

B £160

C £125

D £145

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6 **On a map, 1 cm represents 5 km. Two towns are 6 cm apart on the map. How far apart are they in real life, in km?**

- A 60
- B 30
- C 35
- D 6

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7 **There are 100 silver coins. 40% of them are old. How many old silver coins are there?**

- A 20
- B 40
- C 50
- D 65

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8 **The exchange rate is £1 = 1.10 euros. How many euros do you get for £100?**

- A 120
- B 90.91
- C 100
- D 110

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9 **The ratio of burgers to chicken nuggets on a school lunch tray is 3 : 5. There are 6 burgers. How many chicken nuggets are there?**

- A 10
- B 11
- C 16
- D 6

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10 **Glass marbles are shared between two children in the ratio 4 : 5. There are 27 marbles altogether. The smaller share is**

- A 15
- B 13
- C 12
- D 27

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ANSWER KEY

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

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