ENGLAND GCSE MATHS AQA FOUNDATION · UNIT 1 · 25 QUESTIONS

Number, Structure and Calculation — 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 **Each box holds 8 eggs. How many eggs are in 6 boxes?**

- A 48
- B 14
- C 56
- D 40

Understand It with Pulse | Flag a mistake

2 **Each bag holds 12 red apples. How many red apples are in 6 bags?**

- A 84
- B 18
- C 60
- D 72

Understand It with Pulse | Flag a mistake

3 **Mia buys a basketball for £15. She pays with £20. How much change does she get?**

- A £6
- B £10
- C £5
- D £4

Understand It with Pulse | Flag a mistake

4 **Each box holds 9 glass marbles. How many glass marbles are in 6 boxes?**

- A 45
- B 15
- C 63
- D 54

Understand It with Pulse | Flag a mistake

5 **Mia buys a tennis ball for £4. She pays with £14. How much change does she get?**

- A £10
- B £9
- C £15
- D £11

Understand It with Pulse | Flag a mistake

6 **Each box holds 6 silver coins. How many silver coins are in 4 boxes?**

- A 18
- B 24
- C 10
- D 30

Understand It with Pulse | Flag a mistake

7 **Which is the largest of these numbers?**

- A 0.04
- B 0.54
- C 0.405
- D 0.45

Understand It with Pulse | Flag a mistake

8 **0.4 × 0.6 is equal to**

A 0.24

B 1

C 0.34

D 2.4

Understand It with Pulse | Flag a mistake

9 **The value of 3^2 is**

A 5

B 12

C 6

D 9

Understand It with Pulse | Flag a mistake

10 **-9 × -2 is equal to**

A 18

B 8

C 20

D 23

Understand It with Pulse | Flag a mistake

11 **(4 + 2) × 5 is equal to**

A 30

B 14

C 11

D 40

Understand It with Pulse | Flag a mistake

12 **An estimate for 29.7 × 4.9 is**

- A 150
- B 120
- C 75
- D 300

Understand It with Pulse | Flag a mistake

13 **Mia buys a ticket for £31.99 and a bag for £6.76. How much does she spend in total?**

- A £41.25
- B £43.25
- C £38.75
- D £28.25

Understand It with Pulse | Flag a mistake

14 **Write 480000 in standard form**

- A 4.8×10^4
- B 4.8×10^6
- C 48×10^5
- D 4.8×10^5

Understand It with Pulse | Flag a mistake

15 **Write $2^4/2^3$ as a single power of 2**

- A 2^1
- B 2^{12}
- C 2^3
- D 2^7

Understand It with Pulse | Flag a mistake

16 **In 12047, the digit 7 has the value**

A 7

B 70000

C 700

D 70

Understand It with Pulse | Flag a mistake

17 **The lowest common multiple of 18 and 20 is**

A 176

B 184

C 18

D 180

Understand It with Pulse | Flag a mistake

18 The value of $\sqrt{144}$ is

- A 24
- B 13
- C 12
- D 11

Understand It with Pulse | Flag a mistake

19 0.4 × 0.4 is equal to

- A 0.8
- B 0.26
- C 0.16
- D 1.6

Understand It with Pulse | Flag a mistake

20 The value of 10^3 is

A 500

B 1000

C 990

D 1010

Understand It with Pulse | Flag a mistake

21 -9 × -6 is equal to

A 54

B 55

C 56

D 52

Understand It with Pulse | Flag a mistake

22 **Mia buys hardcover books for £22. She pays with £27. How much change does she get?**

A £10

B £4

C £6

D £5

Understand It with Pulse | Flag a mistake

23 **(4 + 7) × 3 is equal to**

A 33

B 25

C 14

D 84

Understand It with Pulse | Flag a mistake

24 **An estimate for 51.2 × 19.4 is**

A 484

B 1938

C 1159

D 969

Understand It with Pulse | Flag a mistake

25 **Mia buys a jumper for £33.40 and a puzzle for £7.73. How much does she spend in total?**

A £45.63

B £42.63

C £39.13

D £41.13

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. A
2. D
3. C
4. D
5. A
6. B
7. B
8. A
9. D
10. A
11. A
12. A
13. C
14. D
15. A
16. A
17. D
18. C
19. C
20. B
21. A
22. D
23. A
24. D
25. D

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