ENGLAND GCSE MATHS EDEXCEL 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 **Zara buys a tennis ball for £7. She pays with £9. How much change does she get?**

- **A** £1
- **B** £2
- **C** £3
- **D** £7

Understand It with Pulse | Flag a mistake

2 **Each crate holds 5 glass marbles. How many glass marbles are in 6 crates?**

- A 30
- B 11
- C 25
- D 35

Understand It with Pulse | Flag a mistake

3 **Each bag holds 12 red apples. How many red apples are in 4 bags?**

- A 16
- B 36
- C 60
- D 48

Understand It with Pulse | Flag a mistake

4 **Zara buys a guitar for £55. She pays with £57. How much change does she get?**

A £2

B £1

C £7

D £3

Understand It with Pulse | Flag a mistake

5 **Each crate holds 4 eggs. How many eggs are in 4 crates?**

A 8

B 12

C 20

D 16

Understand It with Pulse | Flag a mistake

6 **Zara buys a bicycle for £108. She pays with £113. How much change does she get?**

A £5

B £4

C £6

D £10

Understand It with Pulse | Flag a mistake

7 **Write $2^2 \times 2^5$ as a single power of 2**

A 2^3

B 2^{10}

C 2^7

D 2^8

Understand It with Pulse | Flag a mistake

8 **Zara buys a puzzle for £35.16 and a ticket for £13.20. How much does she spend in total?**

- A £53.36
- B £43.86
- C £48.36
- D £49.36

Understand It with Pulse | Flag a mistake

9 **8.4×10^4 is equal to**

- A 85000
- B 840000
- C 8400
- D 84000

Understand It with Pulse | Flag a mistake

10 **Each crate holds 9 lemons. How many lemons are in 5 crates?**

A 14

B 54

C 45

D 36

Understand It with Pulse | Flag a mistake

11 **The lowest common multiple of 30 and 48 is**

A 48

B 240

C 236

D 238

Understand It with Pulse | Flag a mistake

12 **(8 + 2) × 9 is equal to**

A 19

B 144

C 90

D 26

Understand It with Pulse | Flag a mistake

13 **6 - (-12) is equal to**

A 18

B 23

C 8

D 17

Understand It with Pulse | Flag a mistake

14 **An estimate for 48.9 × 19.4 is**

A 1121

B 1862

C 931

D 882

Understand It with Pulse | Flag a mistake

15 **The value of 4^4 is**

A 16

B 260

C 256

D 252

Understand It with Pulse | Flag a mistake

16 **The value of $\sqrt{16}$ is**

A 4

B 8

C 5

D 3

Understand It with Pulse | Flag a mistake

17 **0.4 × 0.8 is equal to**

A 0.42

B 3.2

C 1.2

D 0.32

Understand It with Pulse | Flag a mistake

18 **In 89326, the digit 8 has the value**

A 800

B 800000

C 8

D 80000

Understand It with Pulse | Flag a mistake

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

A 0.405

B 0.4

C 0.35

D 0.45

Understand It with Pulse | Flag a mistake

20 **Write $2^5 \times 2^5$ as a single power of 2**

- A 2^{11}
- B 2^{25}
- C 2^{10}
- D 2^0

Understand It with Pulse | Flag a mistake

21 **Zara buys a puzzle for £48.16 and a game for £32.83. How much does she spend in total?**

- A £85.49
- B £80.99
- C £81.99
- D £82.49

Understand It with Pulse | Flag a mistake

22 **5.2×10^3 is equal to**

A 52000

B 6200

C 5200

D 520

Understand It with Pulse | Flag a mistake

23 **The lowest common multiple of 30 and 32 is**

A 480

B 478

C 476

D 32

Understand It with Pulse | Flag a mistake

24 **(4 + 6) × 3 is equal to**

A 72

B 13

C 22

D 30

Understand It with Pulse | Flag a mistake

25 **-4 × -4 is equal to**

A 16

B 15

C 11

D 21

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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