Arithmetic — Practice Test

Quebec Mathematics, Technical and Scientific Option, Secondary V • 25 questions

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 **The least common multiple of 14 and 19 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **The logarithm base 2 of 4096 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A price rises by 40 percent from 280 dollars. The increase in dollars is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **The value of 8^3 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **The greatest of these numbers is**

A 0.62

B 0.58

C 0.71

D 0.66

Understand It with Pulse | Flag a mistake

6 **The value of 6^8 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **Simple interest on 1000 dollars at 10 percent per year for 2 years is in dollars**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **An amount of 900 dollars grows by 20 percent in one year. The amount after one year in dollars is**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **A price rises by 20 percent from 360 dollars. The increase in dollars is**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **The positive square root of 361 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

11 **The greatest common divisor of 76 and 22 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

12 **A quantity of 560 is divided into 4 equal parts and 3 parts are taken. The amount taken is**

ANSWER _____

Understand It with Pulse | Flag a mistake

13 **An amount of 170 dollars is shared in the ratio 3 to 2. The smaller share in dollars is**

ANSWER _____

Understand It with Pulse | Flag a mistake

14 **The greatest common divisor of 40 and 13 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

15 **The positive square root of 529 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

16 **A pack of 3 items costs 102 dollars. The cost per item in dollars is**

ANSWER _____

Understand It with Pulse | Flag a mistake

17 **An amount of 1600 dollars grows by 10 percent in one year. The amount after one year in dollars is**

ANSWER _____

Understand It with Pulse | Flag a mistake

18 **An amount of 140 dollars is shared in the ratio 2 to 3. The smaller share in dollars is**

ANSWER _____

Understand It with Pulse | Flag a mistake

19 **A quantity of 420 is divided into 3 equal parts and 2 parts are taken. The amount taken is**

ANSWER _____

Understand It with Pulse | Flag a mistake

20 **The value of 10^2 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

21 **A price rises by 30 percent from 520 dollars. The increase in dollars is**

ANSWER _____

Understand It with Pulse | Flag a mistake

22 **An arithmetic sequence starts at 7 with a common difference of 11. Its tenth term is**

ANSWER _____

Understand It with Pulse | Flag a mistake

23 **A quantity of 840 is divided into 6 equal parts and 5 parts are taken. The amount taken is**

ANSWER

Understand It with Pulse | Flag a mistake

24 **The value of $2^7 \times 2^2$ is**

ANSWER

Understand It with Pulse | Flag a mistake

25 **The greatest common divisor of 52 and 16 is**

ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 266
2. 12
3. 112
4. 512
5. C
6. 1679616
7. 200
8. 1080
9. 72
10. 19
11. 2
12. 420
13. 68
14. 1
15. 23
16. 34
17. 1760
18. 56
19. 280
20. 100
21. 156
22. 106
23. 700
24. 512
25. 4

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