QUEBEC MATHEMATICS, SCIENCE OPTION, SECONDARY V · UNIT A

Arithmetic — Practice Test

Quebec Mathematics, Science 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 **75 percent of 580 is**



A 435

B 445

C 425

D 455

Understand It with Pulse | Flag a mistake

2 **A pack of 12 items costs 204 dollars. The cost per item in dollars is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **Simple interest on 1100 dollars at 10 percent per year for 2 years is in dollars**

ANSWER _____

Understand It with Pulse | Flag a mistake

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

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **The value of $2^8 \times 2^2$ is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **The value of 11^2 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **An amount of 145 dollars is shared in the ratio 2 to 3. The smaller share in dollars is**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **A quantity of 1000 is divided into 4 equal parts and 3 parts are taken. The amount taken is**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **The least common multiple of 8 and 14 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **A quantity of 2000 is divided into 8 equal parts and 7 parts are taken. The amount taken is**



ANSWER

Understand It with Pulse | Flag a mistake

11 **A price rises by 30 percent from 640 dollars. The increase in dollars is**

ANSWER

Understand It with Pulse | Flag a mistake

12 **A price rises by 15 percent from 625 dollars. The increase in dollars is**

ANSWER _____

Understand It with Pulse | Flag a mistake

13 **An amount of 1300 dollars grows by 25 percent in one year. The amount after one year in dollars is**

ANSWER _____

Understand It with Pulse | Flag a mistake

14 **The least common multiple of 9 and 11 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

15 **An item costs 475 dollars and is discounted by 50 percent. Its sale price in dollars is**



ANSWER

Understand It with Pulse | Flag a mistake

16 **The positive square root of 289 is**

ANSWER

Understand It with Pulse | Flag a mistake

17 **An amount of 225 dollars is shared in the ratio 1 to 4. The smaller share in dollars is**

ANSWER _____

Understand It with Pulse | Flag a mistake

18 **The greatest common divisor of 53 and 17 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

19 **An arithmetic sequence starts at 8 with a common difference of 11. Its tenth term is**

ANSWER _____

Understand It with Pulse | Flag a mistake

20 **An amount of 385 dollars is shared in the ratio 3 to 4. The smaller share in dollars is**



ANSWER

Understand It with Pulse | Flag a mistake

21 **An item costs 370 dollars and is discounted by 20 percent. Its sale price in dollars is**

ANSWER

Understand It with Pulse | Flag a mistake

22 **A pack of 6 items costs 150 dollars. The cost per item in dollars is**

ANSWER _____

Understand It with Pulse | Flag a mistake

23 **The positive square root of 900 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

24 **The least common multiple of 11 and 13 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

25 **Simple interest on 900 dollars at 6 percent per year for 3 years is in dollars**



ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. A
2. 17
3. 220
4. 12
5. 1024
6. 121
7. 58
8. 750
9. 56
10. 1750
11. 192
12. 93.75
13. 1625
14. 99
15. 237.5
16. 17
17. 45
18. 1
19. 107
20. 165
21. 296
22. 25
23. 30
24. 143
25. 162

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