QUEBEC MATHEMATICS, CULTURAL, SOCIAL AND TECHNICAL OPTION, SECONDARY V · UNIT A

Arithmetic — Practice Test

Quebec Mathematics, Cultural, Social and Technical 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 **A pack of 5 items costs 165 dollars. The cost per item in dollars is**



ANSWER

Understand It with Pulse | Flag a mistake

2 **An arithmetic sequence starts at 6 with a common difference of 12. Its tenth term is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **Simple interest on 900 dollars at 10 percent per year for 2 years is in dollars**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **The greatest common divisor of 27 and 9 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **An amount of 1100 dollars grows by 25 percent in one year. The amount after one year in dollars is**



ANSWER

Understand It with Pulse | Flag a mistake

6 **An item costs 660 dollars and is discounted by 5 percent. Its sale price in dollars is**

ANSWER

Understand It with Pulse | Flag a mistake

7 **A geometric sequence starts at 8 with a common ratio of 3. Its fourth term is**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **A price rises by 20 percent from 300 dollars. The increase in dollars is**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **A quantity of 910 is divided into 7 equal parts and 5 parts are taken. The amount taken is**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **An amount of 371 dollars is shared in the ratio 3 to 4. The smaller share in dollars is**



ANSWER

Understand It with Pulse | Flag a mistake

11 **Monthly income is 2700 dollars and monthly expenses are 2000 dollars. The amount left in dollars is**

ANSWER

Understand It with Pulse | Flag a mistake

12 **75 percent of 540 is**

- A 405
- B 415
- C 395
- D 425

Understand It with Pulse | Flag a mistake

13 **The least common multiple of 10 and 17 is**

ANSWER _____

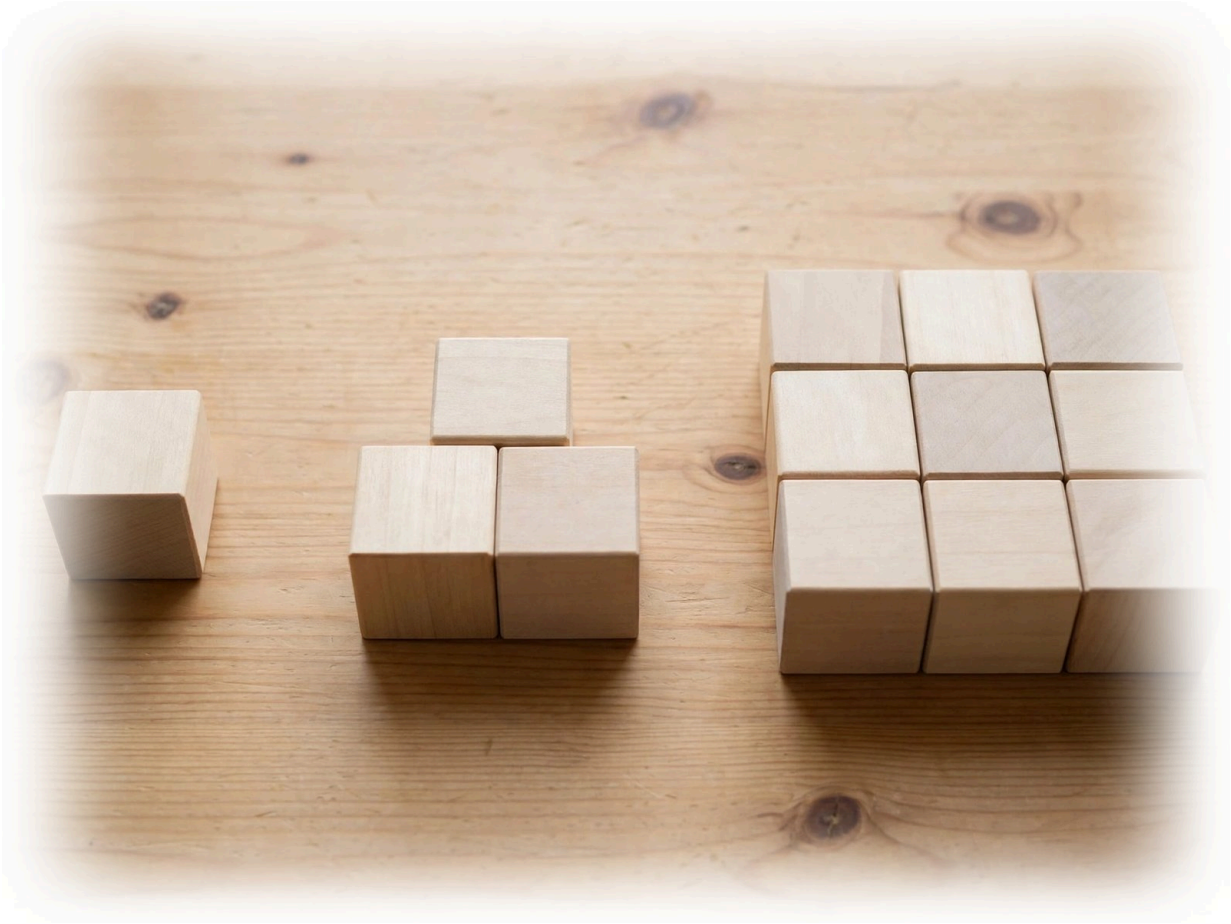
Understand It with Pulse | Flag a mistake

14 **The value of 6^4 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

15 The value of $2^6 \times 2^2$ is



ANSWER _____

Understand It with Pulse | Flag a mistake

16 A pack of 7 items costs 105 dollars. The cost per item in dollars is

ANSWER _____

Understand It with Pulse | Flag a mistake

17 **An arithmetic sequence starts at 6 with a common difference of 7. Its tenth term is**

ANSWER _____

Understand It with Pulse | Flag a mistake

18 **Simple interest on 1100 dollars at 4 percent per year for 5 years is in dollars**

ANSWER _____

Understand It with Pulse | Flag a mistake

19 **The greatest common divisor of 45 and 10 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

20 **An amount of 1600 dollars grows by 15 percent in one year. The amount after one year in dollars is**



ANSWER

Understand It with Pulse | Flag a mistake

21 **An item costs 420 dollars and is discounted by 25 percent. Its sale price in dollars is**

ANSWER

Understand It with Pulse | Flag a mistake

22 **A pack of 12 items costs 180 dollars. The cost per item in dollars is**

ANSWER _____

Understand It with Pulse | Flag a mistake

23 **An arithmetic sequence starts at 6 with a common difference of 5. Its tenth term is**

ANSWER _____

Understand It with Pulse | Flag a mistake

24 **Simple interest on 500 dollars at 5 percent per year for 2 years is in dollars**

ANSWER _____

Understand It with Pulse | Flag a mistake

25 **The greatest common divisor of 57 and 12 is**



ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 33
2. 114
3. 180
4. 9
5. 1375
6. 627
7. 216
8. 60
9. 650
10. 159
11. 700
12. A
13. 170
14. 1296
15. 256
16. 15
17. 69
18. 220
19. 5
20. 1840
21. 315
22. 15
23. 51
24. 50
25. 3

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