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

Arithmetic — Practice Test

Quebec Mathematics, Cultural, Social and Technical Option, Secondary IV • 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 150 dollars. The cost per item in dollars is**



ANSWER

Understand It with Pulse | Flag a mistake

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

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A price rises by 50 percent from 300 dollars. The increase in dollars is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **The positive square root of 324 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **The greatest common divisor of 36 and 9 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

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

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **Monthly income is 3600 dollars and monthly expenses are 2900 dollars. The amount left in dollars is**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **Simple interest on 1200 dollars at 3 percent per year for 4 years is in dollars**



ANSWER

Understand It with Pulse | Flag a mistake

9 **A quantity of 500 is divided into 5 equal parts and 3 parts are taken. The amount taken is**

ANSWER

Understand It with Pulse | Flag a mistake

10 **An arithmetic sequence starts at 3 with a common difference of 4. Its tenth term is**

ANSWER _____

Understand It with Pulse | Flag a mistake

11 **An amount of 150 dollars is shared in the ratio 3 to 2. The smaller share in dollars is**

ANSWER _____

Understand It with Pulse | Flag a mistake

12 **A geometric sequence starts at 2 with a common ratio of 2. Its fourth term is**

ANSWER _____

Understand It with Pulse | Flag a mistake

13 **25 percent of 240 is**

A 60

B 70

C 50

D 80

Understand It with Pulse | Flag a mistake

14 **30 percent of 200 is**

A 60

B 70

C 50

D 80

Understand It with Pulse | Flag a mistake

15 **A quantity of 800 is divided into 8 equal parts and 7 parts are taken. The amount taken is**

ANSWER _____

Understand It with Pulse | Flag a mistake

16 **A quantity of 600 is divided into 6 equal parts and 5 parts are taken. The amount taken is**

ANSWER _____

Understand It with Pulse | Flag a mistake

17 **A price rises by 25 percent from 360 dollars. The increase in dollars is**

ANSWER _____

Understand It with Pulse | Flag a mistake

18 **An amount of 500 dollars grows by 20 percent in one year. The amount after one year in dollars is**

ANSWER _____

Understand It with Pulse | Flag a mistake

19 **The least common multiple of 8 and 12 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

20 **The positive square root of 144 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

21 **A price rises by 40 percent from 150 dollars. The increase in dollars is**

ANSWER _____

Understand It with Pulse | Flag a mistake

22 **An arithmetic sequence starts at 3 with a common difference of 6. Its tenth term is**

ANSWER _____

Understand It with Pulse | Flag a mistake

23 **An amount of 420 dollars is shared in the ratio 4 to 3. The smaller share in dollars is**

ANSWER _____

Understand It with Pulse | Flag a mistake

24 **The least common multiple of 6 and 8 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

25 **An item costs 300 dollars and is discounted by 50 percent. Its sale price in dollars is**



ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 30
2. 81
3. 150
4. 18
5. 9
6. 81
7. 700
8. 144
9. 300
10. 39
11. 60
12. 16
13. A
14. A
15. 700
16. 500
17. 90
18. 600
19. 24
20. 12
21. 60
22. 57
23. 180
24. 24
25. 150

© 2026 Brett Robbins. All Rights Reserved.