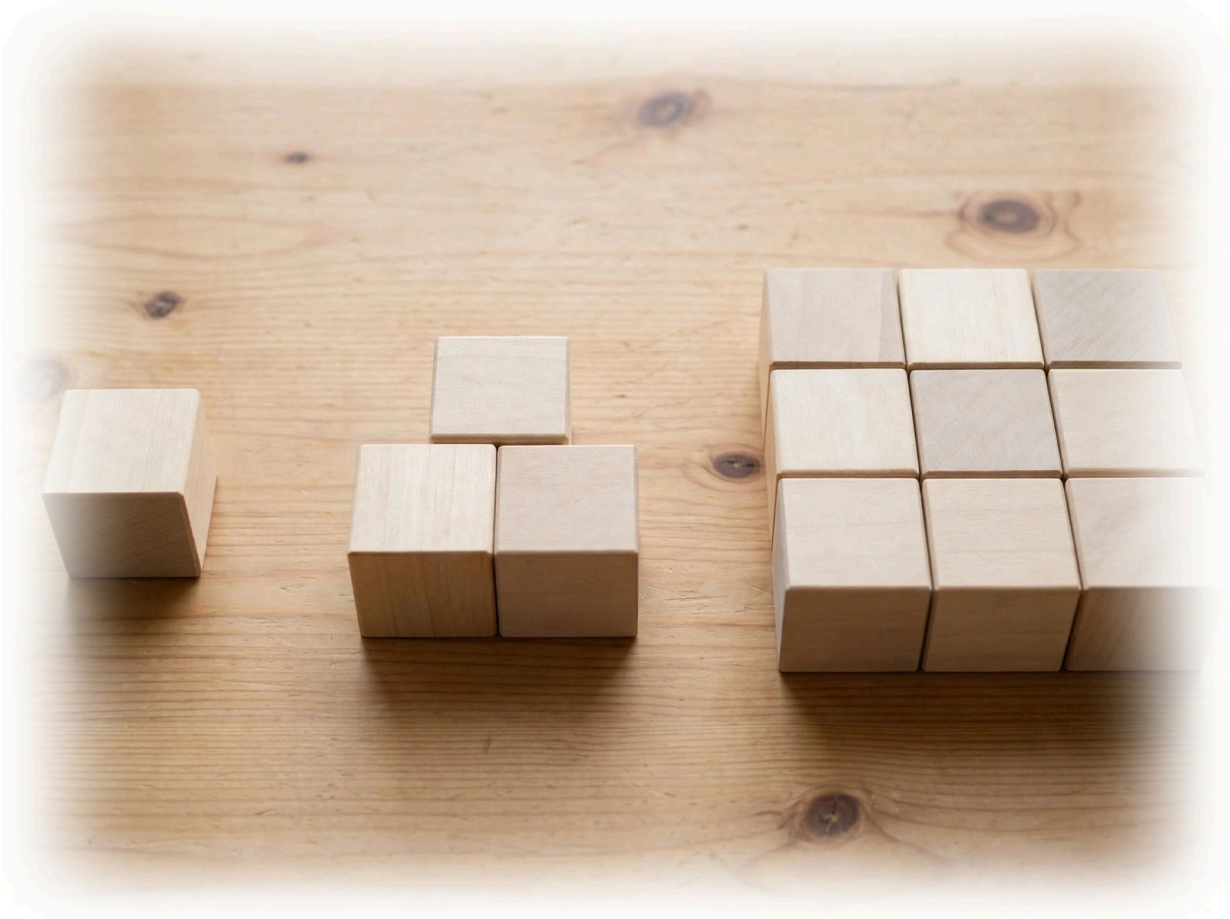
QUEBEC MATHEMATICS, SCIENCE OPTION, SECONDARY IV · UNIT A

# Arithmetic — Practice Test

**Quebec Mathematics, Science 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 geometric sequence starts at 5 with a common ratio of 3. Its fourth term is**



ANSWER

Understand It with Pulse | Flag a mistake

2 **A pack of 6 items costs 132 dollars. The cost per item in dollars is**

ANSWER _____

Understand It with Pulse | Flag a mistake

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

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **An item costs 220 dollars and is discounted by 10 percent. Its sale price in dollars is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **The greatest common divisor of 26 and 8 is**



ANSWER

Understand It with Pulse | Flag a mistake

6 **A price rises by 50 percent from 415 dollars. The increase in dollars is**

ANSWER

Understand It with Pulse | Flag a mistake

7 **A quantity of 1540 is divided into 7 equal parts and 5 parts are taken. The amount taken is**

ANSWER

Understand It with Pulse | Flag a mistake

8 **An amount of 2200 dollars grows by 5 percent in one year. The amount after one year in dollars is**

ANSWER

Understand It with Pulse | Flag a mistake

9 **An amount of 306 dollars is shared in the ratio 2 to 1. The smaller share in dollars is**

ANSWER

Understand It with Pulse | Flag a mistake

**10** **25 percent of 280 is**



A 70

B 80

C 60

D 90

Understand It with Pulse | Flag a mistake

11 **Simple interest on 1000 dollars at 4 percent per year for 5 years is in dollars**

ANSWER _____

Understand It with Pulse | Flag a mistake

12 **A geometric sequence starts at 6 with a common ratio of 2. Its fourth term is**

ANSWER _____

Understand It with Pulse | Flag a mistake

13 **A pack of 12 items costs 168 dollars. The cost per item in dollars is**

ANSWER _____

Understand It with Pulse | Flag a mistake

14 **An arithmetic sequence starts at 5 with a common difference of 9. Its tenth term is**

ANSWER _____

Understand It with Pulse | Flag a mistake

15 **An item costs 580 dollars and is discounted by 30 percent. Its sale price in dollars is**



ANSWER

Understand It with Pulse | Flag a mistake

16 **The greatest common divisor of 44 and 9 is**

ANSWER

Understand It with Pulse | Flag a mistake

17 **A price rises by 5 percent from 715 dollars. The increase in dollars is**

ANSWER _____

Understand It with Pulse | Flag a mistake

18 **A quantity of 880 is divided into 4 equal parts and 3 parts are taken. The amount taken is**

ANSWER _____

Understand It with Pulse | Flag a mistake

19 **An amount of 4200 dollars grows by 5 percent in one year. The amount after one year in dollars is**

ANSWER _____

Understand It with Pulse | Flag a mistake

**20** An amount of 210 dollars is shared in the ratio 1 to 4. The smaller share in dollars is



ANSWER

Understand It with Pulse | Flag a mistake

**21** A geometric sequence starts at 5 with a common ratio of 2. Its fourth term is

ANSWER

Understand It with Pulse | Flag a mistake

22 **A pack of 7 items costs 98 dollars. The cost per item in dollars is**

ANSWER _____

Understand It with Pulse | Flag a mistake

23 **An arithmetic sequence starts at 5 with a common difference of 8. Its tenth term is**

ANSWER _____

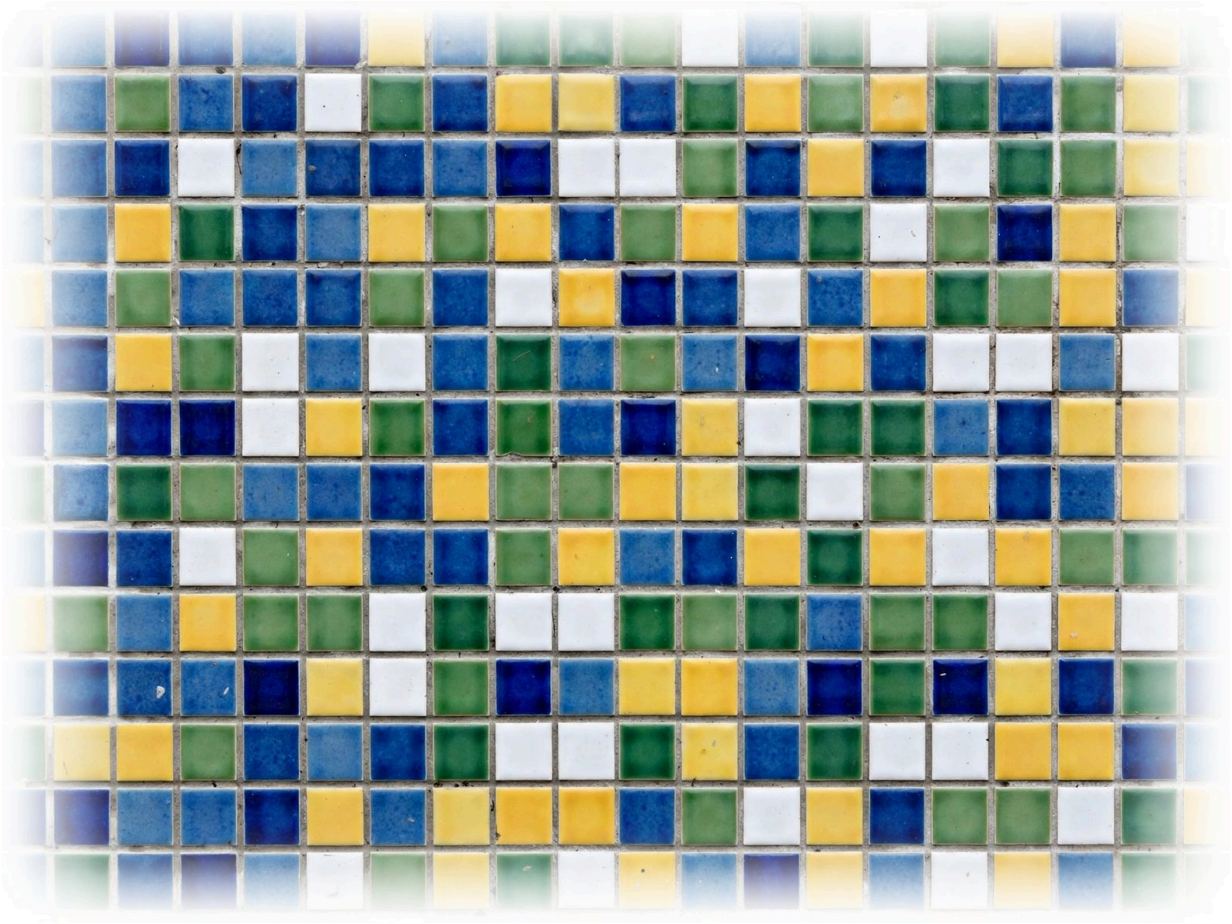
Understand It with Pulse | Flag a mistake

24 **An item costs 415 dollars and is discounted by 50 percent. Its sale price in dollars is**

ANSWER _____

Understand It with Pulse | Flag a mistake

**25** **The greatest common divisor of 92 and 32 is**



ANSWER

Understand It with Pulse | Flag a mistake

# ANSWER KEY

| | | | | | |
|---|---|---|---|---|---|
| **1.** | 135 | **10.** | A | **19.** | 4410 |
| **2.** | 22 | **11.** | 200 | **20.** | 42 |
| **3.** | 50 | **12.** | 48 | **21.** | 40 |
| **4.** | 198 | **13.** | 14 | **22.** | 14 |
| **5.** | 2 | **14.** | 86 | **23.** | 77 |
| **6.** | 207.5 | **15.** | 406 | **24.** | 207.5 |
| **7.** | 1100 | **16.** | 1 | **25.** | 4 |
| **8.** | 2310 | **17.** | 35.75 | | |
| **9.** | 102 | **18.** | 660 | | |

© 2026 Brett Robbins. All Rights Reserved.