MANITOBA PRE-CALCULUS MATHEMATICS 30S · UNIT D · 5 QUESTIONS

# Sequences and Series — Practice Test

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 **Two numbers add to 10 and subtract to 8. The larger number is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **Expand the product of x plus 3 and x plus 7. The coefficient of x is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A runner adds 2 laps each day, starting at 4 laps. An arithmetic sequence starts at 4 and increases by 2 each term. Term 7 is**



ANSWER _____

Understand It with Pulse | Flag a mistake

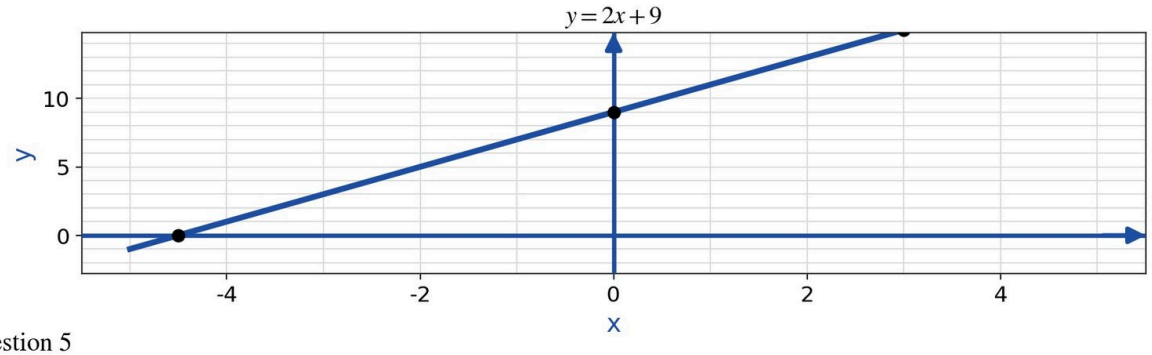
4 **A line passes through (5, 9) and (7, 17). Its slope is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5

## The graph shows y = 2x + 9 . The value of f(3) is




Question 5

The graph shows $y = 2x + 9$ . The value of $f(3)$ is

ANSWER

Understand It with Pulse

Flag a mistake

## ANSWER KEY

1. 9
2. 10
3. 16
4. 4
5. 15

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