PRINCE EDWARD ISLAND PRE-CALCULUS 11 · UNIT A

Sequences and Series — Practice Test

Prince Edward Island Pre-Calculus 11 • 10 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 **The sequence 2, 5, 8, 11 is**

- A geometric
- B neither
- C arithmetic
- D quadratic

Understand It with Pulse | Flag a mistake

2 **An arithmetic series starts with 3, has common difference 5, and has 9 terms. What is the sum of the series**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **The next term of 4, 9, 14, 19 is**

A 22

B 24

C 23

D 25

Understand It with Pulse | Flag a mistake

4 **An arithmetic sequence starts with 7 and has common difference 6. What is term number 5 of the sequence**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **The sequence 1, 4, 9, 16, 25 is the sequence of**

A perfect squares

B prime numbers

C even numbers

D multiples of 3

Understand It with Pulse | Flag a mistake

6 **The sum of the first n terms of a series is called a**

A partial sum

B term

C ratio

D difference

Understand It with Pulse | Flag a mistake

7 **The sequence 3, 6, 12, 24 is**

A arithmetic

B neither

C constant

D geometric

Understand It with Pulse | Flag a mistake

8 **An arithmetic series starts with 8, has common difference 3, and has 11 terms. What is the sum of the series**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **The next term of 2, 6, 18, 54 is**

- A 108
- B 162
- C 72
- D 216

Understand It with Pulse | Flag a mistake

10 **The sequence 20, 10, 5, 2.5 is**

- A arithmetic
- B neither
- C geometric
- D constant

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	C	**5.**	A	**9.**	B
2.	207	**6.**	A	**10.**	C
3.	B	**7.**	D		
4.	31	**8.**	253		

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