SASKATCHEWAN PRE-CALCULUS 20 · UNIT A

Sequences and Series — Practice Test

Saskatchewan Pre-Calculus 20 • 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 **A geometric sequence starts 2 with common ratio 3. The sum of the first 5 terms is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **An arithmetic sequence starts 8 with common difference 5. The term in position 10 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **An infinite geometric series starts 16 with common ratio one half. The sum to infinity is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A geometric sequence starts 5 with common ratio 2. The term in position 5 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A geometric sequence starts 3 with common ratio 3. The sum of the first 5 terms is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **An arithmetic sequence starts 9 with common difference -5. The term in position 10 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **An infinite geometric series starts 32 with common ratio one half. The sum to infinity is**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **A geometric sequence starts 6 with common ratio 2. The sum of the first 4 terms is**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **An arithmetic sequence starts 3 with common difference -6. The term in position 10 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **An infinite geometric series starts 24 with common ratio one half. The sum to infinity is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	242	**5.**	363	**9.**	-51
2.	53	**6.**	-36	**10.**	48
3.	32	**7.**	64		
4.	80	**8.**	90		

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