SASKATCHEWAN PRE-CALCULUS 20 · UNIT A

Sequences and Series — Practice Test

Saskatchewan Pre-Calculus 20 • 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 2 with common ratio 2. The term in position 6 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **An arithmetic sequence starts 1 with common difference 5. The sum of the first 6 terms is**

ANSWER _____

Understand It with Pulse | Flag a mistake

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

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A geometric sequence starts 5 with common ratio 2. The sum of the first 5 terms is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A geometric sequence starts 1 with common ratio 3. The term in position 6 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **An arithmetic sequence starts 1 with common difference 4. The sum of the first 5 terms is**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **An arithmetic sequence starts 2 with common difference -6. The term in position 8 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **A geometric sequence starts 5 with common ratio 2. The sum of the first 4 terms is**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **A geometric sequence starts 1 with common ratio 3. The term in position 5 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **An arithmetic sequence starts 6 with common difference 5. The sum of the first 5 terms is**

ANSWER _____

Understand It with Pulse | Flag a mistake

11 **An arithmetic sequence starts 2 with common difference -6. The term in position 10 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

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

ANSWER _____

Understand It with Pulse | Flag a mistake

13 **A geometric sequence starts 2 with common ratio 3. The term in position 5 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

14 **An arithmetic sequence starts 9 with common difference 3. The sum of the first 6 terms is**

ANSWER _____

Understand It with Pulse | Flag a mistake

15 **An arithmetic sequence starts 4 with common difference 5. The term in position 10 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

16 **A geometric sequence starts 7 with common ratio 3. The sum of the first 4 terms is**

ANSWER _____

Understand It with Pulse | Flag a mistake

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

ANSWER _____

Understand It with Pulse | Flag a mistake

18 **An arithmetic sequence starts 6 with common difference 5. The sum of the first 6 terms is**

ANSWER _____

Understand It with Pulse | Flag a mistake

19 **An arithmetic sequence starts 4 with common difference 3. The term in position 15 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

20 **A geometric sequence starts 3 with common ratio 3. The term in position 4 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

21 **An arithmetic sequence starts 5 with common difference 5. The sum of the first 6 terms is**

ANSWER _____

Understand It with Pulse | Flag a mistake

22 **An arithmetic sequence starts 3 with common difference -3. The term in position 8 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

23 **A geometric sequence starts 1 with common ratio 2. The term in position 4 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

24 **An arithmetic sequence starts 2 with common difference 2. The sum of the first 6 terms is**

ANSWER _____

Understand It with Pulse | Flag a mistake

25 **An arithmetic sequence starts 7 with common difference 3. The term in position 12 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	64	**10.**	80	**19.**	46
2.	81	**11.**	-52	**20.**	81
3.	54	**12.**	30	**21.**	105
4.	155	**13.**	162	**22.**	-18
5.	243	**14.**	99	**23.**	8
6.	45	**15.**	49	**24.**	42
7.	-40	**16.**	280	**25.**	40
8.	75	**17.**	32		
9.	81	**18.**	111		

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