SASKATCHEWAN FOUNDATIONS OF MATHEMATICS 30 · UNIT B

Set Theory and Logic — Practice Test

Saskatchewan Foundations of Mathematics 30 • 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 **Set A has 16 elements, set B has 11 elements, and 6 elements are in both. The number in A or B is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A universal set has 39 elements and set A has 12 elements. The number of elements in the complement of A is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A universal set has 36 elements and set A has 5 elements. The number of elements in the complement of A is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **Set A has 25 elements, set B has 18 elements, and 3 elements are in both. The number in A or B is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **Set A has 18 elements, set B has 12 elements, and 7 elements are in both. The number in A or B is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **A universal set has 20 elements and set A has 10 elements. The number of elements in the complement of A is**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **Set A has 16 elements, set B has 16 elements, and 6 elements are in both. The number in A or B is**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **A universal set has 37 elements and set A has 15 elements. The number of elements in the complement of A is**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **A universal set has 38 elements and set A has 10 elements. The number of elements in the complement of A is**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **Set A has 21 elements, set B has 12 elements, and 3 elements are in both. The number in A or B is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	21	**5.**	23	**9.**	28
2.	27	**6.**	10	**10.**	30
3.	31	**7.**	26		
4.	40	**8.**	22		

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