NOVA SCOTIA MATHEMATICS 12 · UNIT B · 5 QUESTIONS

Set Theory and Logical Reasoning — 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 **Family portrait of parents with their two young children. Set A has 24 elements, set B has 30 elements, and their intersection has 12 elements. Find the number of elements in A union B.**



ANSWER

Understand It with Pulse | Flag a mistake

2 **Set A has 41 elements, set B has 29 elements, and their intersection has 14 elements. Find the number of elements in A union B.**

ANSWER

Understand It with Pulse | Flag a mistake

3 **Set A has 17 elements, set B has 23 elements, and their intersection has 8 elements. Find the number of elements in A union B.**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **Set A has 38 elements, set B has 26 elements, and their intersection has 13 elements. Find the number of elements in A union B.**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **Set A has 21 elements, set B has 19 elements, and their intersection has 10 elements. Find the number of elements in A union B.**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 42
2. 56
3. 32
4. 51
5. 30

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