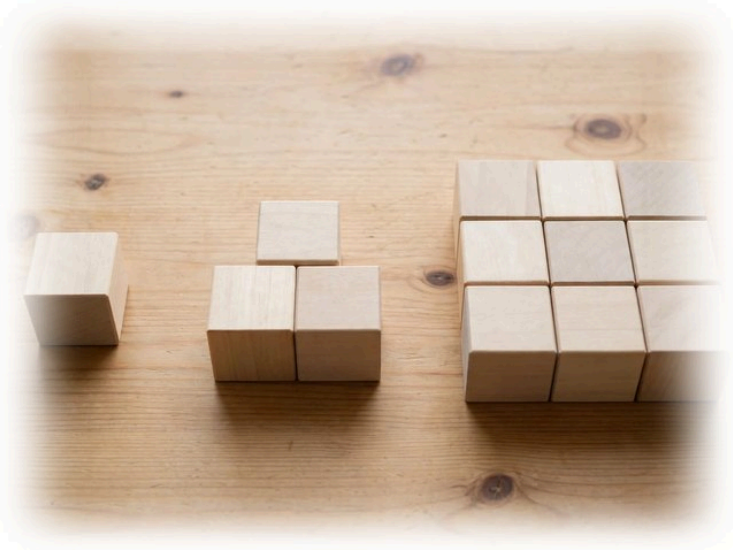
NEWFOUNDLAND AND LABRADOR MATHEMATICS 2201 · UNIT A · 5 QUESTIONS

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 **Wooden toy blocks stacked in three growing rows on a table. Think about the idea. A truth table for 3 variables has how many rows?**



ANSWER

Understand It with Pulse | Flag a mistake

2 **Recall the idea. Deductive reasoning moves from**

A specific cases to a general claim

B general principles to a specific conclusion

C a guess to a proof

D an example to a counterexample

Understand It with Pulse | Flag a mistake

3 **Apply the idea. Inductive reasoning moves from**

A general principles to a specific conclusion

B a theorem to an axiom

C specific cases to a general claim

D a conclusion to a premise

Understand It with Pulse | Flag a mistake

4 **Consider the idea in general. In set notation, A union B contains elements in**

- A A and B only
- B A only
- C neither A nor B
- D A or B or both

Understand It with Pulse | Flag a mistake

5 **Set A has 20 elements, set B has 15 elements, and their intersection has 5 elements. The union has how many elements?**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 8
2. B
3. C
4. D
5. 30

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