

Examples, Counterexamples, Logic

✓

Reading: Intro

10 min

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Reading: Examples and Counterexamples

10 min

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Quiz: Puzzle: Always Prime?

1 question

✓

Reading: Logic

10 min

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Reading: Summary

10 min

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Quiz: Examples, Counterexamples and Logic

7 questions

Reductio ad absurdum

Summary

- One example is enough to prove an existential statement.
- One counterexample is enough to refute a universal statement.
- Negation, AND, OR, and Implication (If-Then) are basic logical operations.
- The negation of an AND is an OR of the negations, and vice versa.
- The negation of a universal statement is an existential statement, and vice versa.

✓ Completed

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