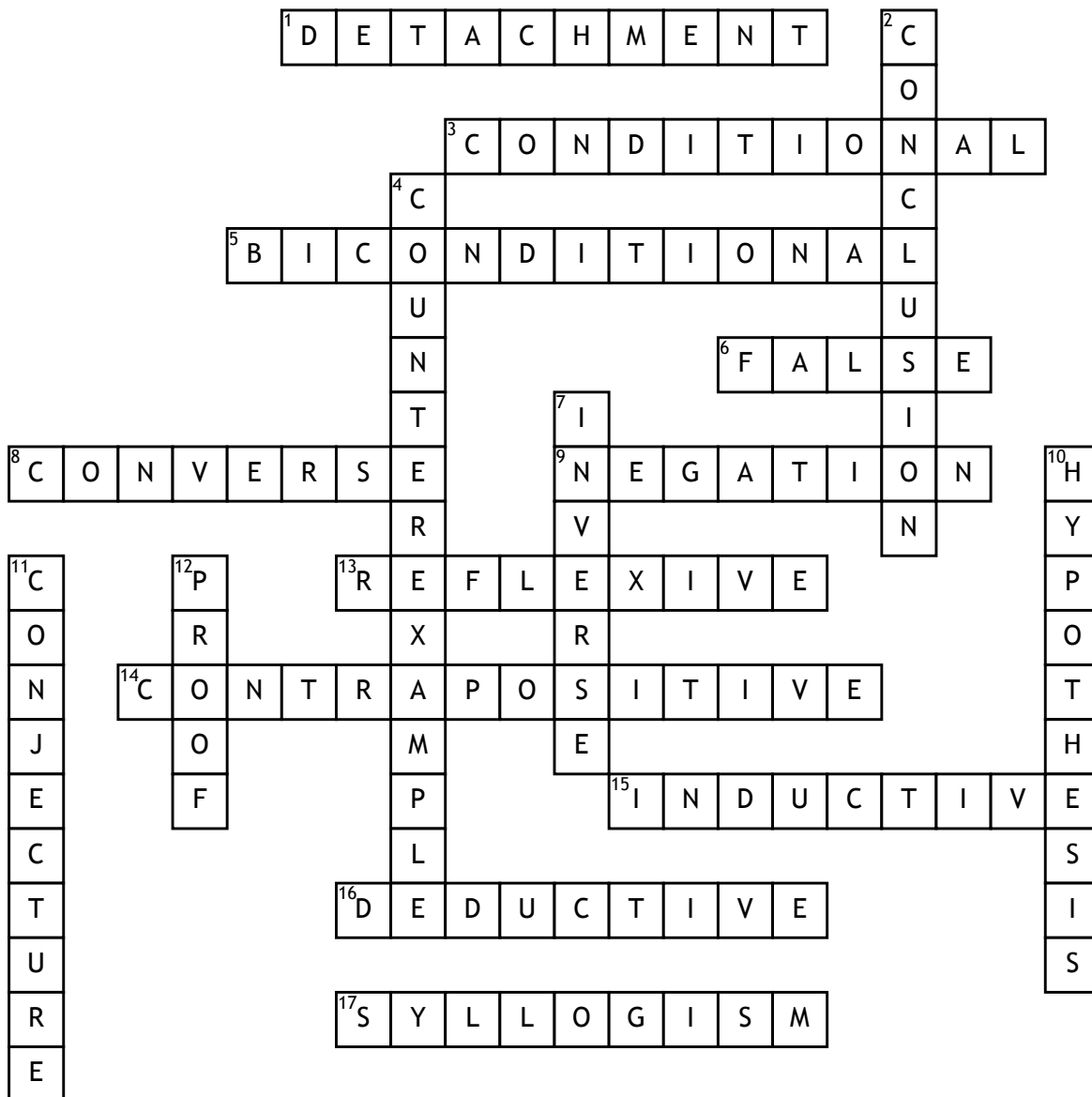


Logic and Geometry Vocabulary



Across

- The Law of _____ says that if a conditional statement is true and the hypothesis is true, we must conclude the conclusion is true.
- A statement written in "If-then" form is called a _____ statement.
- When a conditional statement and its converse are both true, you can write them as a _____ statement.
- A conditional statement is either true or _____.
- A statement formed by exchanging the hypothesis and conclusion.

- The _____ of a statement is the opposite of the original statement.

- The _____ property refers to when something is congruent to itself.
- A statement formed by negating and switching the hypothesis and conclusion.
- _____ reasoning is reasoning from a specific case to a general rule.
- _____ reasoning uses facts, definitions, accepted properties, and the laws of logic to form a logical argument.
- Law of logic that is similar to the Transitive Property.

Down

- The contrapositive is formed by negating and switching the hypothesis and _____.
- A specific case for which the conjecture is false.
- A statement formed by negating both the hypothesis and conclusion.
- The "then" part of a conditional statement.
- An educated guess based on analyzing information or patterns.
- A logical argument that shows a statement is true.