

Planning a Proof Exit Quiz

Part A Instructions: Choose the option that completes the sentence or answers the question.

1. **A theorem is a logical consequence of :**
 - a. Hypothesis
 - b. Axioms
 - c. proofs
 - d. None

2. **Which one of these is an essential part of a two-column proof:**
 - a. reasons
 - b. statements
 - c. both a and b
 - d. None

3. **Which one of these is the most common way of proving theorems?**
 - a. Flow-chart proof
 - b. Two-column proof
 - c. Paragraph proof
 - d. All of these

4. **There are _____ steps being followed while writing a two column proof:**
 - a. 3
 - b. 4
 - c. 2
 - d. 5

5. **The two types of proofs are:**
 - a. Direct and indirect proofs
 - b. Conventional and non-conventional proofs
 - c. Both a and b
 - d. None

Part B Instructions: Answer the question below.

1. **Explain the difference between direct and indirect proofs.**
