

A STUDY OF THE ERRORS COMMITTED IN THE TOPIC ‘SIMILAR  
TRIANGLES’ BY STANDARD IX PUPILS OF KERALA

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**OBJECTIVES**

- To find out the percentage of errors committed by standard IX students in various categories of problems in the chapter ‘similar triangles’.
- To categorize major areas in terms of level of seriousness of errors.

**METHODOLOGY**

**Method used** : Survey method  
**Sample** : 650 malayalam medium students of standard X in Kozhikode and Malappuram districts of Kerala  
**Tool** : Diagnostic test in the topic Similar Triangles  
**Statistical Techniques** : Percentage analysis

**RESULT**

Out of the fifteen categories of problems ‘Draw the picture and write the proof’ was found to be most difficult category, ‘predicting the result of the application of theorems’ is the second difficult category and ‘previous knowledge, was found to be the least difficult item.

**KEY TERMS:** Similar Triangles, Errors Committed.