

THE STUDENTS' DIFFICULTIES IN COMPLETING GEOMETRY ITEMS OF NATIONAL EXAMINATION

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Abstract

The study aims to describe the students' difficulties in completing the geometry test items of national examinations. The study was case study case using qualitative approach. The data were gathered utilizing the documentation of students' responses toward the mathematics items of junior high school national examination and focus group discussion that involved 15 mathematics teachers from 12 provinces in Indonesia. The data were analyzed by performing the Creswell steps. The results of the study showed that the students' difficulties in completing geometry test items were the students' lack of geometry concept mastery, the students' problems in associating geometrical concept to others, the students' problems in solving problems by means of computation technique and the students' limitations in performing mathematical visualization and representation.

Keywords: Students' difficulties, geometry test item, national examination.