

THE DIFFICULTIES OF SENIOR HIGH SCHOOL STUDENTS IN DOING TEST MEASURING HOTS

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ABSTRACT

Currently education is no longer merely facilitating learners to understand concepts and knowledge, but more than that, education should be able to facilitate learners to apply concepts and knowledge and develop their thinking skills. To achieve that goal the Indonesian government is implementing the 2013 Curriculum which one of its focus is the development of higher order thinking (HOT). The implications of the policy, learning in schools began to apply learning oriented to Higher Order Thinking Skills (HOTS). This study aims to determine the difficulties of students in solving the problems that measure HOTS in mathematics learning in high school. This research uses quantitative and qualitative approach with case study research. The subjects of this study are high school students XI. This study uses HOTS instruments developed based on high school math standard content. The difficulty analysis is done by looking at the student's answer pattern. The results show that understanding the mathematical concepts asked, connecting concepts to grains that require many steps of completion, understanding the problem context, manipulating the algebraic form, and performing the counting operation is the difficulty students face in working on the HOTS problem.

Kata Kunci: *difficulty, math problems, higher order thinking skills (HOTS)*