

**ANALYSIS OF STUDENT'S ABILITY TO SOLVE HIGH ORDER THINKING SKILLS (HOTS) PROBLEMS IN TERMS OF STUDENTS MATHEMATICAL INITIAL ABILITIES ON THE CIRCLE TOPIC IN CLASS XI MIA 1 IN SMA N 1 PERBAUNGAN A.Y 2018/2019**

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**ABSTRACT**

This study aims to determine the students' Mathematical Ability towards the completion of the High Order Thinking Skills questions in terms of analysis questions, evaluations questions and creating question and to find out why students are wrong in solving High Order Thinking Skills problems. The research method use is descriptive qualitative research. The subjects in this study were 36 students of class XI MIA 1 in Perbaungan, Which amounted to 36 students. From the results of the study obtained. This shows the answer score of 36 students of class XI MIA 1 in completing question number 1 has only reached 44,59%. Likewise for the other questions, so that the score of the students' answer questions in question number 2 is 20,67%, the question number 3 is 70,00%, the question number 4 is 22.22%, the problem number 5 is 44,59% and the question number 6 of 9,87%. Factors that cause students to incorrectly solve High Order Thinking Skills questions include being less thorough in the process of doing the questions, do not yet fully know the prerequisite material, low Mathematical Initial Ability, the process through which learning is not optimal, lack of the understanding of students questions, incompleteness in reading questions and lack of attention from parents.

**Keywords:** Analysis, High Order Thinking Skills Question, Mathematical Initial Ability

