ABSTRACT

VIALITA ANGGIA AGUSTINA. ***Analysis of Problem Posing Learning Models in Improving Math Problem Solving Skills of Junior High School Students***

The use of inappropriate learning models makes the learning process monotonous and affects students' mathematical problem solving skills. Therefore, in mathematics learning there needs to be a change in the way of learning that can improve the quality of learning of students. One learning model that can develop students' mathematical problem solving skills is Problem Posing. The purpose of this study is to find out: 1) Analyze the concept of mathematical problem solving capabilities. 2) Analyze the mathematical problem solving skills of junior high school students through problem posing learning model. 3) Analyze the implementation of Problem Posing learning model in improving the mathematical problem solving skills of junior high school students. This research uses a qualitative approach. This type of research is literature research. Qualitative research methods in this study use documentation methods. The data sources used in this study are primary and secondary sources. Based on the analysis of the data can be summed up as follows. 1) Mathematical problem solving ability is a student's ability to create a new idea of a problem according to the problems he or she faces in daily life. 2) Mathematical problem solving capabilities are improved when applied problem posing learning models and mathematical problem solving capabilities are sufficiently improved with problem posing learning models assisted by techniques or others. 3) Implementation of Problem Posing model in improving students' effective mathematical problem solving skills. So it can be concluded that problem posing learning models can be applied and developed in improving mathematical problem solving skills.

Keywords: *Students' Mathematical Problem Solving Skills and Problem Posing Learning Models*