

## ABSTRACT

Gina Rizki Septiani, "**The Effect of Reciprocal Teaching learning model on Mathematical Communication Ability Junior High School Students**". Thesis of Mathematics Education Faculty of Teaching and Education University of Pasundan, 2016.

Mathematical communication ability of students is one of the student's ability that has to be developed during and after the learning process. This is because through mathematical communication students can organize mathematical thinking orally and in writing. One way to improve communication skills is using the students' Reciprocal Teaching mathematical learning model. This study aims to determine students' mathematical communication skills which are getting Reciprocal Teaching learning model is better than students who received conventional learning models, and to identify students with a positive attitude towards Reciprocal Teaching learning model in mathematics. This study used an experimental method. The study population was all students in grade VIII SMP Negeri 16 Bandung and samples taken is two classes of grade VIII D and VIII H. Indicators of mathematical communication skills used in the study: 1) organize and consolidate mathematical thinking and communicating to other students, 2) express mathematical ideas in a coherent and clear to other students, teachers, and others, 3) improve or expand students' mathematical knowledge by thinking about other students thought and strategy, 4) using mathematical language appropriately in various mathematical expressions. Instruments that is used in this research is to test students 'mathematical communication ability and scale questionnaire on students' attitudes toward learning mathematics using Reciprocal Teaching model. Based on the analysis of research data using SPSS 22.0 for Windows, it said that mathematical communication skill of students using Reciprocal Teaching model are better than students who use conventional learning. Based on the questionnaire given to the experimental class, we obtain information that the students have a positive attitude towards Reciprocal Teaching learning model. Therefore, learning by using Reciprocal Teaching learning model can be an alternative in implementing the learning of mathematics.

Keywords: Reciprocal Teaching, Mathematical Communications