

## ABSTRACT

**YULISA DWI SETIANI (125050089), "The Effects of Learning Model Thinking Aloud Pair Problem Solving (Tapps) against the Mathematical Communication Ability Junior High School Students". Thesis Department of Mathematics Education, the Faculty of Education, University of Pasundan Bandung, June 2016.**

The success of an education can be seen from the mathematical communication skills obtained by the students, and can be seen from the change in attitude that is obtained after the learning process. One effort that can be done by teachers in developing students mathematical communication skills is to choose a learning model that is consistent with the objectives to be achieved. One model of learning to develop students mathematical communication skills is a learning model Thinking Aloud Pair Problem Solving (TAPPS). This study aims to: 1) the effect of communication skills mathematical students acquire learning by using models Thinking Aloud Pair Problem Solving (TAPPS) is better than the ability of mathematical communication students who use conventional learning, 2) determine students attitudes toward learning mathematics by using models thinking Aloud Pair Problem Solving (TAPPS). This research method is quasi-experimental. The study population was class VIII SMP 3 Pasundan Bandung and the sample was selected eighth grade students of two classes randomly. The instrument used was a test and attitude scale. From the analysis of the research data, we concluded: 1) the ability of mathematical communication students who obtain teaching model Thinking Aloud Pair Problem Solving (TAPPS) is better than the ability of mathematical communication students who received conventional learning, 2) overall learning model Thinking Aloud Pair Problem solving (TAPPS) get a positive attitude of the students. The conclusion of this study is that the study of mathematics on the subject of geometry flat side by using model Thinking Aloud Pair Problem Solving (TAPPS) affect the ability of junior high school students mathematical communication.

**Keywords:** Mathematical Communication Ability, Learning Model Thinking Aloud Pair Problem Solving (TAPPS).