ABSTRACT

Risma Ayu Puspita (2016), *Effects of LAPS-Heuristic Learning Model against Comprehension Ability Mathematical High School Students.*

This study aims to determine the difference of the mathematical understanding of students who received Laps-heuristic learning model with that obtained expository teaching model, and to know the students' attitudes toward learning mathematics through LAPS-Heuristic learning model. The method in this study is a quasi-experimental design with a control group of non-equivalent. Samples are two groups of class X are selected randomly from the SMA 8 Pasundan Bandung with population is all students of class X High School in Bandung. From this study we concluded: (1) The ability of mathematical understanding of students who received Laps-heuristic learning model with students who earn math learning with expository teaching model is significantly different. (2) positive student responses to the study of mathematics by using model LAPS-Heuristic.

Keywords: mathematical understanding, LAPS-heuristic, atittude.