

ABSTRACT

HAMBALI ROFIQ, The Effort to Improve Ability of Understanding of Mathematical Concept Through Implementation of Demonstration Learning Method in Geometry Flat Side Material in Class VIII D State Junior High School 20 Jakarta. Undergraduate Thesis. Study Program Matematics Education, Fculty of Matematics and Science, Universitas Negeri Jakarta, 2016.

The research aimed to discover the improvement of understanding of matematical concept of student through implementation of demonstration learning method in geometry flat side material in class VII D State Junior High School 20 Jakarta. Subject of the research was six students of class VIII D State Junior High School 20 Jakarta and the research conducted from April to May 2016.

The research technique was classroom action reseach used demonstration learning method . The rersearch consisted of three cyclus which in every ending of cyclus there would be final test to measure the understanding of mathematical concept of the student.

The result of the research showed that Mathematics Learning using demonstration learning method could improve the understanding of mathematical concept of the student. It was showed by improvement of liveliness and enthusiasm of the student in every cycle. Beside, another success indicator of the research was shown by 80% of research subject reached minimum standard criteria 75. In cycle I, there were 33,33% of six research su jects reached minimum standard criteria, in cycle II there were 50% of six research su jects reached minimum standard criteria, and in cycle III 100% of six research su jects reached minimum standard criteria.

Keywords: Understanding of Mathematical Concept, Demonstration Learning Method