

ABSTRACT

Supin (125050109), **Mathematics Learning Impact with *IMPROVE* Method on Mathematics Representative Skill at Junior High Student.**

Mathematics Representative Skill is one of important parts in order to increase thinking skills on student. But TIMSS report says that the ability to represent an idea and concept in Math was weak. Based on that report, it needed a solution that can increase and improve the mathematics representative skill. One of many solutions is *IMPROVE* method. On this experiment will be compared, the student who learn mathematics with *IMPROVE* method, and the conventional learning method. The experiment design that will used is Pretest-Posttest Control Group Design. This experiment held in two classes of five at MTsN 7 MAJALENGKA. The experiment will divided the classes in two, namely class VIII A as an experiment and VIII B control class. The research instrument used is test type essay of the questions of the understanding mathematics representative and attitude scale questionnaire. Data analysis was using independent t test. Experiment class learned math with *IMPROVE* method and the other learned with conventional learning method. The results of this experiment are: (1) Mathematics Representative Skill who learned by *IMPROVE* method is better than the conventional learning method (2) The student gave positive behavior at learning mathematics with *IMPROVE* method.

Key Words : Mathematics Representative Skill, Conventional Learning, *IMPROVE* Method.