

**THE DIFFERENCE OF STUDENT'S MATHEMATICS LEARNING
OUTCOMES USING THINK TALK WRITE (TTW) LEARNING
AND CONVENTIONAL LEARNING AT FIRST GRADE**

SMA N 1 TEBING TINGGI

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ABSTRACT

Students learning outcome is the result of process that is the work being done by students in achieving the goals of teaching, while the results of learning are skills that the students after they received the learning experience. Based on observation at SMA N 1 Tebing Tinggi, many students does not like to learning mathematics. It because, they assume that mathematic is boring and difficult to understand. So, it needs to be done cooperative learning to increase students learning outcomes even though activity learning process.

The purpose of this research is to know there is the difference of student's mathematics learning outcomes using Think Talk Write (TTW) learning and conventional learning. Subject in this research is students X-7 as experiment class I and X-8 as experiment class II SMA N 1 Tebing Tinggi with the sum of each class is 34 students. The experiment class I using Think Talk Write (TTW) learning and experiment class II using conventional learning. The type of this research is experiment research.

The result shows that the average of students learning outcomes with TTW learning is higher than that average of students learning outcomes with conventional learning. Based on result of normalized gain towards both of the classes, the achievement of students learning outcomes with using TTW learning is better than that of using conventional learning. The TTW learning (experimental class I) is significantly better in improving student learning outcomes compared to conventional learning (experimental class II). It means there is the difference of students' mathematics learning outcomes using TTW learning and conventional learning.

**Keyword: The Difference Of Student's Mathematics Learning Outcomes
Using Think Talk Write (TTW) Learning And Conventional
Learning**