

## ABSTRACT

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**Mathematical Problem Solving Skills For Students Who Are Taught By Missouri Mathematics Project (MMP) Learning Method Of The Program Which Is Accompanied By Think-Talk-Write (TTW) Strategy In Class VIII SMP N 2 Lengayang**

This research is driven by the low level of problem solving ability of 8<sup>th</sup> grade students of SMPN 2 lengayang. This is seen from the daily test of students who are mostly still under the criterion of minimal mastery (KKM) is 75. This is because the model and learning strategy used so far has not been able to improve students' math problem solving skills. That's way Missouri Mathematics Project applied, it's accompanied by Think-Talk-Write strategy. This study aims to determine the problem-solving ability of mathematics students taught by matrix Missouri mathematics project with a strategy of Think-Talk-Write better than students who use the ordinary memorizing mode.

This research is a quasy experiment research and the research design used is randomized control group only design. With a population is a class students VIII SMP N 2 lengayang. Sampling technique is simple random sampling. Obtained class VIII.A as experiment class (MMP) with strategy (TTW) and class VIII.E as usual teaching class. The Instruments used in the form of test of mathematical problem solving skills. The hypothesis in this research is students' mathematical problem solving skills along with strategy (TTW) is better than problem solving skill of students with ordinary learning. The time of this study from 5 september-24 september 17 in SMP N 2 Lengayang academic year 2017/2018.

Based on the results of this study obtained the average value of problem solving skills of mathematics students using MMP method with TTW strategy is 76 and the usual learning is 68. After hypothesis test using t-test obtained t-count is 2,23 and t table is 1,64 with a 95% confidence level. This mean  $t_{count} > t_{table}$  confidence level. So showing the accept hypothesis means the ability to solve mathematical problems of students with MMP with as.