

ABSTRAK

Widiana Sari, 4201111014 (2024). Perbedaan Kemampuan Pemecahan Masalah Matematis Siswa Menggunakan Model Pembelajaran Kooperatif Tipe *Think Talk Write* dengan *Think Pair Share* di SMPN 1 Bilah Hilir.

Penelitian ini bertujuan untuk mengetahui perbedaan kemampuan pemecahan masalah matematis siswa yang diajar menggunakan model pembelajaran kooperatif tipe *Think Talk Write* dan *Think Pair Share* di SMP Negeri 1 Bilah Hilir. Jenis penelitian ini adalah quasi eksperimen dengan desain penelitian solomon. Populasi pada penelitian ini adalah seluruh peserta didik kelas VIII SMP Negeri 1 Bilah Hilir sebanyak 240 peserta didik. Teknik pengambilan sampel pada penelitian ini menggunakan purposive sampling. Instrumen penelitian ini berupa tes yang diberikan sebelum dan sesudah pembelajaran. Analisis data menggunakan anova satu arah dan uji tukey sebagai uji lanjut. Hasil penelitian menunjukkan bahwa terdapat perbedaan kemampuan pemecahan masalah matematis siswa yang diajar menggunakan model pembelajaran *Think Talk Write* dan *Think Pair Share* serta kelas kontrol menggunakan pembelajaran biasa di SMP Negeri 1 Bilah Hilir, dimana kelas yang diajar menggunakan model pembelajaran *Think Pair Share* lebih baik dari kelas yang diajar menggunakan model pembelajaran *Think Talk Write*, dan model pembelajaran *Think Talk Write* lebih baik dari pada pembelajaran biasa dengan masing-masing nilai rerata sebesar 85,39; 79,343; dan 64,51.

Kata kunci : Kemampuan Pemecahan Masalah Matematis, TPS, TTW

ABSTRACT

Widiana Sari, 4201111014 (2024). Differences in Students' Mathematical Problem Solving Abilities Using Cooperative Learning Models Think Talk Write and Think Pair Share at SMPN 1 Bilah Hilir.

This research aims to determine differences in the mathematical problem solving abilities of students who are taught using cooperative learning models such as Think Talk Write and Think Pair Share at SMP Negeri 1 Bilah Hilir. This type of research is quasi-experimental with a Solomon research design. The population in this study was all 240 students in class VIII of SMP Negeri 1 Bilah Hilir. The sampling technique in this research used purposive sampling. This research instrument is a test given before and after learning. Data analysis used one-way ANOVA and Tukey's test as further tests. The results of the research show that there are differences in the mathematical problem solving abilities of students taught using the Think Talk Write and Think Pair Share learning models and the control class using ordinary learning at SMP Negeri 1 Bilah Hilir, where the class taught using the Think Pair Share learning model is better than the class who were taught using the Think Talk Write learning model, and the Think Talk Write learning model were better than ordinary learning with each mean score of 85.39; 79,343; and 64.51.

Keywords : Mathematical Problem Solving Abilities, TPS, TTW