

## ABSTRAK

**Fathiyah Nabila, NIM 4193111051 (2024). Pengaruh Model Pembelajaran Kooperatif Tipe *Think Talk Write* terhadap Kemampuan Komunikasi Matematis Siswa SMA Negeri 1 Hampanan Perak.**

Penelitian ini bertujuan untuk mengetahui apakah model pembelajaran TTW lebih baik pengaruhnya daripada model pembelajaran biasa terhadap kemampuan komunikasi matematis siswa kelas X, serta untuk mengetahui apakah ketuntasan klasikal siswa yang diajarkan dengan model pembelajaran TTW lebih baik daripada ketuntasan klasikal siswa yang diajarkan dengan model pembelajaran biasa terhadap kemampuan komunikasi matematis siswa kelas X. Penelitian ini menggunakan jenis penelitian *quasi experiment* dengan desain penelitiannya berupa *pre-test post-test only control design*. Sampel penelitian terdiri dari dua kelas, yaitu kelas X-7 sebagai kelas eksperimen yang diajarkan menggunakan model pembelajaran TTW dan kelas X-8 sebagai kelas kontrol yang menerima model pembelajaran biasa. Data dikumpulkan melalui pembagian soal *pre-test* dan *post-test* berbentuk uraian. Data dianalisis menggunakan uji-*t Independent Sample T-test* dan uji proporsi. Hasil analisis uji-*t* menunjukkan bahwa nilai  $t_{hitung}(6,108) > t_{tabel}(1,99443)$ , sehingga  $H_0$  ditolak dan  $H_a$  diterima, dari hasil uji proporsi diperoleh nilai  $z(3,969) \geq z_{0,5-\alpha}(1,65)$ , sehingga  $H_0$  ditolak dan  $H_a$  diterima, ini menunjukkan bahwa model pembelajaran TTW lebih baik pengaruhnya daripada model pembelajaran biasa terhadap kemampuan komunikasi matematis siswa kelas X. Selain itu, ketuntasan klasikal siswa yang diajarkan dengan model pembelajaran TTW lebih baik daripada ketuntasan klasikal siswa yang diajarkan dengan model pembelajaran biasa terhadap kemampuan komunikasi matematis siswa kelas X.

**Kata Kunci:** *Think Talk Write*, Kemampuan Komunikasi Matematis, Ketuntasan Klasikal.

## ABSTRACT

**Fathiyah Nabila, NIM 4193111051 (2024). The Effect of Think Talk Write Type Cooperative Learning Model on Mathematical Communication Skills of Students of SMA Negeri 1 Hamparan Perak.**

This study aims to find out whether the TTW learning model has a better effect than the ordinary learning model on the mathematical communication skills of grade X students, and to find out whether the classical completeness of students taught with the TTW learning model is better than the classical completeness of students taught with the ordinary learning model on the mathematical communication skills of grade X students. This study used a quasi experiment with the research design in the form of pre-test post-test only control design. The study sample consisted of two classes, namely class X-7 as an experimental class taught using the TTW learning model and class X-8 as a control class that received the ordinary learning model. Data was collected through the distribution of pre-test and post-test questions in the form of descriptions. The result of t-test analysis shows that value of  $t_{count}(6,108) > t_{table}(1,99443)$ , so  $H_0$  was rejected and  $H_a$  was accepted, from the results of proportion test, the value of  $z(3,969) \geq z_{0,5-\alpha}(1,65)$  is obtained, so  $H_0$  was rejected and  $H_a$  was accepted, this shows that TTW learning model has a better effect than the ordinary learning model on the mathematical communication skills of grade X students. In addition, the classical completeness of students taught with TTW learning model is better than the classical completeness of students taught with ordinary learning model on mathematical communication skills of grade X students.

**Keywords:** Think Talk Write, Mathematical Communication Ability, Classical Completeness.