ABSTRAK

Ruth Indah Shentia Sitohang, NIM 4191111036 (2023), Analisis Kemampuan Komunikasi Matematis Siswa Dengan Menggunakan Model Pembelajaran Kooperatif Tipe *Think Talk Write* Di SMP Gajah Mada Medan.

Penelitian ini bertujuan untuk menganalisis kemampuan komunikasi matematis siswa di kelas VIII SMP Gajah Mada Medan dengan menggunakan model pembelajaran kooperatif tipe *Think Talk Write* (TTW). Penelitian ini merupakan metode deskriptif kualitatif dan subjek penelitian ini adalah siswa kelas VIII yang berjumlah 25 siswa. Teknik pengumpulan data dilakukan dengan tes kemampuan komunikasi matematis siswa, teknik wawancara, dan dokumentasi. Keterampilan komunikasi matematis siswa dinilai menggunakan indikator komunikasi matematis. Hasil penilaian tingkat kemampuan komunikasi matematis siswa dengan kemampuan komunikasi matematis tinggi berjumlah 8 siswa dengan persentase 32%. Terdapat 11 siswa yang kemampuan komunikasinya sedang dengan persentase 44% dan 6 siswa yang kemampuan komunikasinya rendah dengan persentase 24%. Setelah dihitung rata-rata skor indeks komunikasi matematis siswa, diperoleh rata-rata indeks komunikasi matematis tertinggi adalah indeks *Write Text* dengan skor rata-rata sebesar 80%, disusul oleh indeks komunikasi nilai matematika tertinggi kedua adalah indeks *Mathematical Ekspression* dengan skor rata-rata 60%, selanjutnya indeks komunikasi matematis terendah adalah indeks *Drawing* dengan rata-rata 48%.

Kata kunci: Komunikasi Matematis, Model pembelajaran kooperatif tipe *Think Talk Write*

ABSTRACT

Ruth Indah Shentia Sitohang, NIM 4191111036 (2023), Analysis of Students' Mathematical Communication Skills Using the Think Talk Write Type Cooperative Learning Model at Gajah Mada Medan Junior High School.

This study aims to analyze the mathematical communication skills of students in class VIII SMP Gajah Mada Medan by using the cooperative learning model of Think Talk Write (TTW) type. This research is a qualitative descriptive method and the subjects of this research are class VIII students totaling 25 students. Data collection techniques were carried out by testing students' mathematical communication skills, interview techniques, and documentation. Students' mathematical communication skills were assessed using mathematical communication indicators. The results of the assessment of the level of mathematical communication skills of students with high mathematical communication skills amounted to 8 students with a percentage of 32%. There were 11 students whose communication skills were moderate with a percentage of 44% and 6 students whose communication skills were low with a percentage of 24%. After calculating the average score of students' mathematical communication index, the highest average mathematical communication index is the Write Text index with an average score of 80%, followed by the second highest mathematics value communication index is the Mathematical Expression index with an average score of 60%, then the lowest mathematical communication index is the Drawing index with an average of 48%.

Keywords: Mathematical Communication, cooperative learning model type *Think Talk Write*