

ABSTRAK

MIRATIKA. 8166171028. Pengaruh Model Kooperatif Tipe *Think Pair Share* (TPS) Berorientasi Budaya Mandailing Terhadap Kemampuan Pemecahan Masalah Dan Disposisi Matematis Siswa SMP Ali Imron Medan. Tesis. Medan: Program Pascasarjana Universitas Negeri Medan 2018.

Tujuan penelitian ini adalah untuk menganalisis (1) pengaruh model kooperatif tipe *Think Pair Share* (TPS) berorientasi budaya Mandailing terhadap kemampuan pemecahan masalah siswa (2) pengaruh model kooperatif tipe *Think Pair Share* (TPS) berorientasi budaya Mandailing terhadap disposisi siswa. (3) interaksi antara model pembelajaran dan kemampuan awal matematika terhadap kemampuan pemecahan masalah matematis siswa. (4) interaksi antara model pembelajaran dan kemampuan awal matematika terhadap disposisi matematis siswa. Jenis penelitian ini adalah kuasi eksperimen. Populasi yang diambil dalam penelitian ini adalah siswa kelas VII SMP Ali Imron Medan dan sampel dalam penelitian ini yang terpilih adalah kelas VII-1 sebagai kelas eksperimen dan kelas VII-2 sebagai kelas kontrol, masing-masing berjumlah 32 siswa. Instrument yang digunakan terdiri dari: (1) Tes kemampuan pemecahan masalah dan (2) Angket Disposisi. Analisis data dilakukan dengan ANAVA dua jalur. Hasil penelitian ini menunjukkan bahwa (1) Terdapat pengaruh model kooperatif tipe *think pair share* berorientasi budaya Mandailing terhadap kemampuan pemecahan masalah matematis siswa SMP Ali Imron Medan. (2) Terdapat pengaruh model kooperatif tipe *think pair share* berorientasi budaya Mandailing terhadap disposisi matematis siswa SMP Ali Imron Medan. (3) Terdapat interaksi antara model pembelajaran dan pengetahuan awal matematika siswa dalam mempengaruhi kemampuan pemecahan masalah matematis siswa siswa SMP Ali Imron Medan. (4) Terdapat interaksi antara model pembelajaran dan pengetahuan awal matematika siswa dalam mempengaruhi disposisi matematis siswa SMP Ali Imron Medan.

Kata Kunci: Model Kooperatif Tipe *Think Pair Share* (TPS), Kemampuan Pemecahan Masalah, Disposisi Matematis, Budaya Mandailing.

ABSTRACT

MIRATIKA. 8166171028. The Effect of Cooperative Learning Type *Think Pair Share* (TPS) Oriented On Mandailing Culture To Mathematical Problem Solving And Mathematical Disposition Ability Of The Students At Middle Secondary School Ali Imron Medan. Thesis. Medan: Postgraduate Program of Medan State University 2018.

This research aim to analyze (1) analyze the effect of Cooperative Learning of Type Think Pair Share Based on Mandailing Culture to mathematical problem solving ability. (2) The effect of Cooperative Learning of Type Think Pair Share Based on Mandailing Culture to mathematical disposition ability. (3) The effect of interaction the learning models and mathematical initial ability (IMA) to mathematical problem solving ability of the students. (4) The effect of interaction between the learning model and the initial mathematical ability (IMA) of students' mathematical disposition. This type of research is quasi-experimental. The population taken in this study were seventh grade students of Middle Secondary School Ali Imron Medan and the samples in this study were selected as class VII-1 as an experimental class and class VII-2 as a control class, amounting to 32 students respectively. The instrument used consists of: (1) Test of problem solving skills and (2) Questionnaire Disposition. Data analysis was carried out with ANOVA two way. The results of this study indicate that (1) There is an effect of the cooperative model type think pair share oriented to Mandailing culture on the mathematical problem-solving ability of Ali Imron Medan junior high school students. (2) There is the effect of the cooperative model type think pair share oriented to Mandailing culture to the mathematical disposition of Ali Imron Medan junior high school students. (3) There is an interaction between the learning model and the students' initial knowledge of mathematics in influencing the mathematical problem solving ability of students of Ali Imron Middle School students in Medan. (4) There is an interaction between the learning model and the students' initial knowledge of mathematics in influencing the mathematical disposition of the Ali Imron Middle School students in Medan.

Keywords: Cooperative Learning Model Type Think Pair Share (TPS), Mathematical Problem Solving Ability, Mathematical Disposition Ability, Mandailing Culture.