

ABSTRAK

Royana Periyanti Lbn Tobing, NIM 4203111126 (2024). Penerapan Model Pembelajaran Kooperatif Tipe *Think Pair Share* berbantuan Lembar Kerja Peserta Didik (LKPD) untuk Meningkatkan Kemampuan Pemecahan Masalah Matematika Siswa Kelas VII SMP

Penelitian ini bertujuan untuk meningkatkan kemampuan pemecahan masalah matematis peserta didik pada materi segi empat di kelas VII SMP Islam Al-Fadhli Medan T.A 2023/20224. Jenis penelitian ini adalah Penelitian Tindakan Kelas (PTK). Subjek dalam penelitian ini yaitu seluruh peserta didik di kelas VII-1 SMP Islam Al-Fadhli Medan. Sedangkan objek dalam penelitian ini yaitu penggunaan model pembelajaran kooperatif tipe *Think Pair Share* untuk meningkatkan kemampuan pemecahan masalah matematis peserta didik. Penelitian ini dilakukan hanya pada satu kelas. Instrumen penelitian ini observasi dan tes. Berdasarkan analisis data kemampuan pemecahan masalah matematis peserta didik yang dilaksanakan diperoleh hasil observasi aktivitas siswa saat proses pembelajaran yaitu 3,6 dalam kategori sangat aktif, tercapainya ketuntasan belajar siswa secara klasikal yaitu terdapat 86,36% siswa memperoleh persentase penilaian hasil ≥ 70 , tercapainya ketuntasan belajar siswa secara individual dengan memperoleh proporsi jawaban benar siswa ≥ 70 , terdapat pertambahan rata-rata persentase kemampuan pemecahan masalah matematis peserta didik pada siklus I yaitu 67,58 % dan siklus II yaitu 82,58%. Hal ini berarti pembelajaran yang dilaksanakan telah berhasil, maka dapat disimpulkan bahwa model pembelajaran kooperatif Tipe *Think Pair Share* dapat meningkatkan kemampuan pemecahan masalah matematis peserta didik pada materi segitiga di kelas VII SMP Islam Al-Fadhli Medan T.A 2023/2024.

Kata Kunci: Model Pembelajaran Kooperatif Tipe *Think Pair Share*, Kemampuan Pemecahan Masalah Matematis.

ABSTRACT

Royana Periyanti Lbn Tobing, NIM 4203111126 (2024). Application of the Think Pair Share Type Cooperative Learning Model assisted by Learner Worksheets (LKPD) to Improve Mathematical Problem Solving Ability of Students in Grade VII Junior High School.

This study aims to improve students' mathematical problem solving skills on quadrilateral material in class VII of Al-Fadhli Medan Islamic Junior High School T.A 2023/20224. This type of research is Classroom Action Research (PTK). The subjects in this study were all students in class VII-1 Islamic Junior High School Al-Fadhli Medan. While the object in this study is the use of the Think Pair Share type cooperative learning model to improve students' mathematical problem solving skills. This research was conducted in only one class. The research instruments were observation and test. Based on the data analysis of the mathematical problem solving ability of students carried out, the results of observation of student activity during the learning process were 3.6 in the very active category, the achievement of classical student learning completeness, namely there were 86.36% of students obtained the percentage of results assessment ≥ 70 , the achievement of individual student learning completeness by obtaining the proportion of students' correct answers ≥ 70 , there was an increase in the average percentage of students' mathematical problem solving ability in cycle I, namely 67.58% and cycle II, namely 82.58%. This means that the learning carried out has been successful, so it can be concluded that the Think Pair Share cooperative learning model can improve students' mathematical problem solving skills on triangle material in class VII of Al-Fadhli Medan Islamic Junior High School T.A 2023/2024.

Keywords: Cooperative Learning Model Type *Think Pair Share*, Mathematical Problem Solving Ability.