

ABSTRAK

Lili Yessi Panggabean, NIM 4203111021 (2024). Penerapan Model Pembelajaran *Numbered Head Together* untuk Meningkatkan Kemampuan Pemecahan Masalah Matematis Siswa Kelas VIII di SMP N 35 Medan.

Tujuan dari penelitian ini adalah (1) untuk mendeskripsikan peningkatan kemampuan pemecahan masalah matematis siswa kelas VIII SMP N 35 Medan melalui penerapan model pembelajaran *Numbered Head Together* dan (2) untuk meningkatkan kemampuan pemecahan masalah matematis siswa kelas VIII SMP N 35 melalui penerapan model pembelajaran *Numbered Head Together* mencapai tuntas klasikal. Subjek dalam penelitian ini adalah 28 siswa kelas VIII-3 SMP N 35 Medan setelah menerapkan model pembelajaran *Numbered Head Together*. Instrumen pengumpulan data yang digunakan adalah lembar observasi aktivitas siswa dan guru, dan tes kemampuan pemecahan masalah matematis. Penelitian ini merupakan penelitian tindakan kelas (PTK), terdiri dari 2 siklus dan per siklus dilakukan sebanyak 1 kali pertemuan. Berdasarkan hasil penelitian, diperoleh bahwa kemampuan pemecahan masalah matematis siswa kelas VIII-3 SMP N 35 Medan mengalami peningkatan. Pada tes awal yang diberikan, siswa yang tuntas belajar (dikatakan tuntas jika memperoleh nilai minimal 75) ada sebanyak 5 siswa atau persentase ketuntasan klasikal hanya mencapai 17,85% dengan nilai rata-rata kelas 49,33 (tingkat kemampuan kategori sangat rendah). Selanjutnya, setelah diberikan tindakan, pada siklus I diperoleh ketuntasan klasikal 50% atau terdapat 14 siswa yang tuntas dengan nilai rata-rata kelas 73,43 (tingkat kemampuan kategori sedang), dan pada siklus II terjadi peningkatan jumlah siswa yang tuntas, ketuntasan klasikal mencapai 85,71% atau terdapat 24 siswa dari 28 siswa tuntas dengan nilai rata-rata kelas 81,92 (tingkat kemampuan kategori tinggi). Dengan demikian dapat disimpulkan bahwa penerapan model pembelajaran *Numbered Head Together* dapat meningkatkan kemampuan pemecahan masalah matematis siswa kelas VIII-3 di SMP N 35 Medan.

Kata kunci: Model pembelajaran, *Numbered Head Together*, kemampuan pemecahan masalah matematis siswa.

ABSTRACT

Lili Yessi Panggabean, NIM 4203111021 (2024). Application of Numbered Head Together Learning Model to Improve The Mathematical Problem Solving Ability of Class VIII Students at SMP N 35 Medan.

The aim of this research is (1) to describe the improvement in mathematical problem solving ability of class VIII students at SMP N 35 Medan through the application of Numbered Head Together Learning Model and (2) to improve the mathematical problem solving ability of class VIII students at SMP N 35 Medan through the application of Numbered Head Together Learning Model achieve classical completeness. The subject in this research were 28 students in class VIII-3 of SMP N 35 Medan. The data collection instruments used were student and teacher activity observation sheets, and mathematical problem solving ability tests. This research is Classroom Action Research (PTK), consisting of 2 cycles and each cycle is consisting of 1 meeting. Based on the research results, it was found that the mathematical problem solving ability of class VIII-3 students had increased. In the initial test given, there were 5 students who completed test (said to be completed test if they got a minimum score 75) or the percentage of classical completion only reached 17,85% with an average class score was 49,33 (very laow category ability level). Furthermore, after being given an action, in cycle I obtained 50% classical completeness or there were 14 students who completed it with an average class score was 73,43 (medium category ability level), and in cycle II there was an increase in the number of students who completed, classical completion reached 85,71% or there were 24 students from 28 students completed with an average class score was 81,92 (high category ability level). Thus, it can be concluded that the application of the Numbered Head Together learning model can improve the mathematical problem solving ability of class VIII-3 students at SMP N 35 Medan.

Keywords: Learning model, Numbered Head Together, students' mathematical problem solving ability.