

**IMPLEMENTATION OF CTL APPROACH IN REMEDIAL TEACHING
TO IMPROVE THE STUDENTS' MATHEMATICAL UNDERSTANDING
IN SET MATERIAL VII GRADE SMP NEGERI 1 MEDAN
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ABSTRAK

The aim of this research is to improve the students' understanding by doing implementation of CTL approach in Remedial Teaching was done in SMP Negeri 1 Medan. The type of this research is Classroom Action Research. The research has done respect to the student of VII-Herodutus SMP Negeri 1 Medan in number 23 students.

Instrument used to collect the data is mathematic understanding test, observation sheet, and interview. This research consists of 2 cycles and the end of every cycle given mathematic understanding test. Before given, at the first test must be validity. Validity test done is contents validity where expert as validator and from 30 item of test there are 23 item which is valid.

The result in this research has shown that learning by CTL approach in remedial teaching of Set material can improve the students' understanding mathematical. This case shown from the result before treatment, in first test of 23 students there are only 2 students (8,6%) reach the point ≥ 80 with the average of class is 46,70.

After given treatment so the students do the Mathematic Understanding Test I in cycle I, from 23 student there are 12 student (52,17%) reach the point ≥ 80 with the average of class is 74,004. From analysis data of Mathematic Understanding Test II in cycle II obtain that from 23 students there are 21 students (91,30%) have point ≥ 80 with the average of class is 85,66. From the interview result and answer sheet of student, get that the students error in solving the question of Set and number of student have difficulties is decrease. Learning process by observator in Cycle I include good category with the score 3,43. In cycle II learning process increase become very good category with score is 3,87.

From the result of research can conclude that by implementation of CTL approach in remedial teaching can improve the students' understanding mathematical. There is the impact of CTL approach in remedial teaching can improve the students' understanding mathematical in the student that have not completely point.

Mathematics teacher of SMP Negeri 1 Medan suggested can implementation CTL approach in remedial teaching to improve students' mathematical understanding. To students suggested more active to found the concept of mathematics.