

**EFFECTIVENESS METHOD SOLVING STRATEGY WORKING WITH REVERSE
TO UNDERSTANDING OF THE COST OF STUDENTS IN BROAD AND
TRIANGLE TOUR IN SMPN1 GAPURA
STUDY YEAR 2013/2014**

ABSTRACT

Name : Agus Heri Setiawan
Supervisor 1 : Ach Junaidi, Pd
Supervisor 2 : Fitriana Minggani, M.Si

Learning has so far been dominated by the teacher, students are less involved so monotonous and boredom arise when doing math learning, especially in terms of Geometri (measurement), the material flat wake in the subject matter triangle students find it difficult to determine the area and perimeter of a triangle when packed in terms of the story. This is because in the learning of learners is still lacking in understanding of concepts - concepts that exist. Learning should be done by the students actively, either individually or in groups by means of solving problems (problem solving). Teachers act as pembimbing and fasilitator. Problem solving skills to be owned by learners and skills possessed learners when teachers teach and stimulate the ability of learners to be able to solve problems in mathematics. Learning is effective if specific instructional objectives proclaimed more accomplished.

Effectiveness is something that has influence. The method is a method used to implement the plan that has been prepared in concrete activities that goal has been achieved optimally arranged. Problem solving is a way to solve the problem, while working backward strategy is a strategy or plan learning activities by asking open-ended questions are questions that have multiple correct answers. In this research instruments used were observation, questionnaires and tests, in which the techniques used to test experimental design is pre-test and post-test with a sample of 34 students with the calculation of some class VII SMPN1 gate school year 2013-2014.

Based on the results of the t test calculations obtained tcount is 10.496 and TTable is 1.691 with 95% and the number of respondents was 34, because tcount over ttable, so the hypothesis is accepted. The results of the questionnaire agreed and strongly agreed amount more than the amount disagree and strongly disagree, while the percentage of observations obtained good and very good ratings greater than or equal to the number and percentage of poor ratings pretty well. So the application of the methods of problem solving strategies effectively work backwards towards the understanding of learners in the subject matter area and perimeter of triangles in SMPN1 gate of the school year 2013-2014

Keywords: Effectiveness, working backward strategy