***ABSTRACT***

***Annisa Wiriani******Application of Relating, Experiencing, Applying, Cooperating, Transferring (REACT) Learning Model to Junior High School Mathematic Problem Solving***

*REACT learning is a model to make students actively involved in mathematic learning process in class. Students’ enthusiastic revealed in the problem which is offering students chances to find and relate daily problems that students’ have experienced related to mathematic learning. By actively involved in learning process, hopefuly students’ mathematical problem solving abilities in mathematic will be continued trained well. Learning by REACT model is a learning that students form groups to discuss a problem by ask and answer method also by asking the teacher. The purposes of this study are to know whether this REACT learning model is better than conventional learning method for students in mathematical problem solving ability and to know students’ view of mathematic learning by REACT learning model. This study is using experiment method. Population in this study is 8th grade students in SMP Pasundan 2 Cimahi. Sample in this study is VIII F (experiment) and VIII E (control). Instrument in this study is mathematical problem solving ability exam and view scale questionnaire. Tests in use is subjective type test (essay). IBM SPSS Statistics 23.0 for windows is how to analyze the data. The result in this study is students that using REACT model is better than students that using conventional learning in mathematical problem solving ability and students’ view is positove towards learning by REACT model.*

***Keywords:*** *Learning by REACT Model, Mathematical Problem Solving****.***