

**COMPARISON OF MATHEMATICS UNDERSTANDING OF ELEMENTARY SCHOOL STUDENTS USING THE JARIMATIC METHOD WITH THE MULTIPLICATION STACKING OF COMPOSITION IN THE ELEMENTARY SCHOOL**

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**ABSTRACT**

*This research is motivated by the problem of low understanding ability of students in primary schools in understanding operations. The purpose of this study is to find a picture of the ability of elementary school student's mathematical understanding of multiplication material by using the Jarimatic and stacking multiplication methods. This research method is a quantitative method, with the research design used is quasi eksperiment and the sample in the study is students of class III A as a control class and III B as a experimental class at 119 Cijagra elementary school in Bandung. The research instrument used was the observation sheet and test. Based on the result of the study concluded: 1) There is no difference between the use of the Jarimatika Method with and stacking multiplication methods f the stack after being tested using the ability to test the hypostesis of independent sample t test with acquisition of significance values of  $0.502 > 0.05$ . 2) The quality of increasing student's mathematical understanding ability there is a diffeerence between those who use the Jarimatic method with multiplication stacking. This can be seen from the result of testing using N-gain of  $0.00 < 0.05$ , so it can be concluded that there are differences in improvement in the control and experimental classes. The average acquisition result in the experimental class amounted to 52% with the moderate category interpretation category. It can be said that improvement using the Jarimatika method can be said better.*

**Keywords:** *Jarimatika Method, Mathematical Understanding, Multiplication stacking.*