Executive Summary

Dewi, Lucia Kartika. 2020. Analysis of Student Difficulties in Solving Problems About the Integer Operations VII Grade Students of SMP Negeri 18 Padang

2. Fauziah, S.Pd.I., M.Pd.

The background of the research is been the student mathematic score of their MID exam for class VII SMP Negeri 18 Padang 2019/2020 still under the minimal score bellow the passing grade (KKM). The cause is there a few student experience difficulties facing the integer operation.

This is deskriptive research and using qualitative method. The subject of the research is all of the student from class VII SMP Negeri 18 Padang. The sample taken using proposive sampling techicue and decided that class VII 4 will be the main subject. Research instrument are diagnosis test and interview.

The result of the research show that: 1) 21.43% student has difficulty in concept, 2) 25% in principt, 3) 64.29% in algorithm, 4) 7.14% in both concept and principt, 5) 14.29% in concept and algorithm, 6) 21.43% in principt and algorithm, and 7) 7.14% in all concept, principt and algorithm. The cause factors are: 1) environment factor, 2) instrumental factor, 3) fisiology condition, and 4) psychology condition.

The result of the research we would recomend to the teachers to analyze difficulties from the student in doing the task (mathematic task), so we can find the best solution for the problem. Other than that, we sugest to teacher to observe and check every task that have been done by the student.

Keywords : Difficulty Analysis, Difficulty Factors, Problem of integer operations