

DIFFICULTIES ENCOUNTERED BY GRADE SIXTH GRADE STUDENTS IN ORDER OF OPERATIONS

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Abstract

The aim of the research is to determine the difficulties about order of operations for 6th grade students. Survey research method was used in the study. Working group were consist of 6th grade students from a public school in Eskiřehir. A test of success consisting of problems and arithmetic about order of operations was progressed on students. Frequencies and the percentages of the obtained data were calculated. The most seven frequently given false answers were obtained by an investigator on these tests. According to the obtained findings the mostly done wrongs are; not knowing the most prior operation is, not paying attention on the writing order of operations, not including the some of the multiplicants, not getting importance of using parenthesis, having struggle on problem posing, not being able to decide to the priority of operations while solving problems, not being able to build the correct mathematical statements while solving problems.

Keywords: Four operations, order of operations, 6th grade students.