

ANALYSIS OF ERRORS IN SOLVING MATHEMATICS STORY PROBLEMS REVIEWED FROM THE LEARNING ATTITUDES OF CLASS VII STUDENTS OF JUNIOR HIGH SCHOOL 15 MATARAM

The aim of this research is to analyze student errors in solving word problems in terms of learning attitudes in class VII students at SMPN 15 Mataram in the 2023/2024 academic year using the Newman procedure. This type of research is descriptive qualitative. The sample used was 30 people from class VII-B with the sampling technique used was purposive sampling with data collection techniques carried out by tests, questionnaires and interviews. The results of the research show that the errors made by class VII-B students in solving mathematics story problems on comparative material include all types of errors based on Newman's stages in terms of learning attitudes. Based on the results of the learning attitude questionnaire, 3 categories were obtained, namely: 10% of students with high learning attitudes, 76.66% of students with medium learning attitudes, and 13.33% with low learning attitudes. Based on the analysis of test results, 3 levels of student errors were obtained in solving questions, namely: students with a high error rate of 20%, students with a moderate error rate of 63.33%, students with a low error rate of 16.67%. Based on the results of the interview, it can be concluded that the factors causing errors include, first, weak understanding of the concept. Second, limited ability to read and understand questions. Third, lack of problem solving strategies. Fourth, lack of practice and experience in solving story problems. Fifth, lack of self-confidence.

Primary authors: Ms KURNIATI, NANI (MATARAM UNIVERSITY); RAMDHAN, Syahril (Universitas Mataram); Ms WAHYU TRIUTAMI, TABITA (MATARAM UNIVERSITY)

Presenter: RAMDHAN, Syahril (Universitas Mataram)

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