

ABSTRACT

MEUTHIA FATRI SARTIKA SARI. *Analysis of Student's Mathematical Problem Solving Ability with Realistic Mathematics Education (RME) Approach.*

Mathematical problem solving is a way for students to understand a problem to find a solution when solving a mathematical problem. The background of this research is that 21st century learning includes problem solving as a basic ability. Problem solving has been an essential part of education for decades. Some literature reveals the facts in real life that in the learning process of school, students have not had the full opportunity to find solutions during the problem-solving process so that there are some students having difficulties. An effort is needed by educators to find out difficulties and provide treatment to overcome difficulties during the learning process. Learning with the Realistic Mathematics Education (RME) approach is believed to provide better mathematical problem solving abilities than before. Because RME learning begins by presenting realistic problems and students become the center of learning. Therefore, the author aims to analyze mathematical problem solving abilities through Realistic Mathematics Education (RME) with data collection techniques in this research using inductive and deductive techniques by collecting and reviewing relevant literatures. The results of this research indicate that the Realistic Mathematics Education (RME) approach can make students' mathematical problem solving abilities better.

Key words: Mathematical problem solving ability, Realistic Mathematics Education (RME), Learning