

**ANALISIS PEMAHAMAN KONSEP SISWA SMP DALAM  
MENYELESAIKAN SOAL URAIAN BILANGAN BULAT DITINJAU  
DARI ADVERSITY QUOTIENT**

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**ABSTRAK**

Tujuan dari penelitian ini yaitu menganalisis pemahaman konsep siswa SMP dalam menyelesaikan soal uraian bilangan bulat ditinjau dari *Adversity Quotient*. Adapun indikator pemahaman konsep pada penelitian ini menggunakan indikator oleh NCTM. Penelitian ini merupakan penelitian deskriptif kuantitatif. Penelitian ini dilaksanakan di SMP Negeri 1 Kerambitan pada semester ganjil Tahun Ajaran 2022/2023. Populasi penelitian ini adalah siswa kelas VIII di SMP Negeri 1 Kerambitan yang berjumlah 250 orang. Dalam menentukan besaran sampel menggunakan rumus Issac and Michael dan sampel pada penelitian ini berjumlah 133 orang yang dipilih dengan teknik *proporsional sampling*. Instrumen yang digunakan berupa tes pemahaman konsep dan non tes berupa angket *Adversity Quotient*, serta wawancara guna menunjang hasil penelitian. Data angket dikategorikan berdasarkan kategori oleh Stoltz dan data tes dianalisis dengan teknik analisis deskriptif kuantitatif. Hasil penelitian menunjukkan bahwa pemahaman konsep pada materi bilangan bulat siswa kelas VIII SMP Negeri 1 Kerambitan tergolong rendah (48.12%) dengan rata-rata siswa belum mampu memenuhi indikator pemahaman konsep yaitu mengungkapkan kembali konsep dengan kata-kata sendiri, mengidentifikasi atau memberi contoh dan bukan contoh, dan mengaplikasikan konsep dalam berbagai situasi, serta kategori *Adversity Quotient* cenderung pada tipe *Camper* (69.92%). Dengan adanya hasil penelitian ini, diharapkan dalam pembelajaran matematika di kelas dapat dilaksanakan dengan cara yang lebih beragam, sehingga siswa mampu mengasah dan meningkatkan pemahaman konsep serta *Adversity Quotient* siswa.

**Kata kunci:** pemahaman konsep, bilangan bulat, *Adversity Quotient*.

**ANALYSIS OF CONCEPT UNDERSTANDING OF JUNIOR HIGH SCHOOL  
STUDENTS IN SOLVING INTEGER DESCRIPTION PROBLEMS IN  
TERMS OF ADVERSITY QUOTIENT**

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**ABSTRACT**

*The purpose of this study is to analyze the concept understanding of junior high school students in solving integer problems in terms of Adversity Quotient. The indicator of concept understanding in this study used indicators by NCTM. This research is quantitative descriptive. This research was conducted at SMP Negeri 1 Kerambitan in the odd semester of the 2022/2023 academic year. The population of this study was students of class VIII at SMP Negeri 1 Kerambitan, which amounted to 250 people. In determining the sample size using the Issac and Michael formula, the sample in this study amounted to 133 people who were selected by proportional sampling technique. The instruments used are in the form of a concept understanding test and non-test in the form of an Adversity Quotient, as well as interviews to support the research results. The questionnaire data was categorized by category by Stoltz and the test data were analyzed using quantitative descriptive analysis techniques. The results showed that the understanding of concepts in the integer material for grade VIII students of SMP Negeri 1 Kerambitan was relatively low (48.12%) with the average student who was not able to meet the indicators of concept understanding, namely re-expressing concepts in their own words, identifying or giving examples and not examples, and applying concepts in various situations, and the Adversity Quotient category tends to be Camper (69.92%). With the results of this study, it is hoped that mathematics learning in the classroom can be carried out in more diverse ways, so that students are able to hone and improve their understanding of concepts and their Adversity Quotient .*

**Keywords:** concepts understanding, integers, Adversity Quotient.