

ABSTRAK

Triadi, Yufi. 2025. *Analisis Pemahaman Konseptual dan Kelancaran Prosedural Matematis Siswa SMP Kelas VII dalam Menyelesaikan Soal Cerita Ditinjau dari Adversity Quotient*. Skripsi. Tanjungpinang: Program Studi Pendidikan Matematika, Fakultas Keguruan dan Ilmu Pendidikan Matematika, Universitas Maritim Raja Ali Haji. Pembimbing I: Roma Doni Azmi, S.Pd.I., M.Ed. Pembimbing II: Mariyanti Elvi, S.Pd., M.Pd.

Kata kunci: *Adversity Quotient*, Pemahaman Konseptual, Kelancaran Prosedural, Soal cerita

Perkembangan Era Revolusi Industri 4.0 menuntut peningkatan kualitas sumber daya manusia melalui pendidikan matematika yang berkualitas, dengan pemahaman konseptual dan kelancaran prosedural menjadi kunci penting dalam kecakapan matematis siswa. Penelitian ini bertujuan menganalisis kemampuan pemahaman konseptual dan kelancaran prosedural matematis siswa kelas VII dalam menyelesaikan soal cerita ditinjau dari *Adversity Quotient* (AQ). Menggunakan pendekatan kualitatif deskriptif dengan subjek enam siswa kelas VII-E SMP Negeri 2 Bintang yang diklasifikasikan ke dalam kategori *climbers*, *campers*, dan *quitters*. Data diperoleh melalui angket, tes pemahaman matematis, dan wawancara semi-terstruktur. Hasil menunjukkan siswa *climbers* memiliki kemampuan tertinggi dengan memenuhi seluruh indikator pemahaman konseptual dan dua indikator kelancaran prosedural. Siswa *campers* menunjukkan kemampuan sedang dengan tiga indikator pemahaman konseptual dan satu indikator kelancaran prosedural terpenuhi. Siswa *quitters* memiliki kemampuan terendah, hanya memenuhi dua indikator pemahaman konseptual tanpa memenuhi indikator kelancaran prosedural. Temuan mengindikasikan hubungan positif antara tingkat *Adversity Quotient* dengan performa matematis siswa dalam menyelesaikan soal cerita.

ABSTRACT

Triadi, Yufi. 2025. *Analysis of Conceptual Understanding and Mathematical Procedural Fluency of Junior High School Grade VII Students in Solving Word Problems Based on Adversity Quotient*. Thesis. Tanjungpinang: Mathematics Education Study Program, Faculty of Teacher Training and Education, Maritime Raja Ali Haji University. Advisor I: Roma Doni Azmi, S.Pd.I., M.Ed. Advisor II: Mariyanti Elvi, S.Pd., M.Pd.

Keywords: *Adversity Quotient, Conceptual understanding, Procedural fluency, Word problems*

The development of the Industrial Revolution 4.0 era demands improvement in human resource quality through quality mathematics education, with conceptual understanding and procedural fluency being key elements in students' mathematical proficiency. This study aims to analyze the conceptual understanding and procedural fluency abilities of seventh-grade students in solving word problems based on Adversity Quotient (AQ). A descriptive qualitative approach was employed with six seventh-grade students from class VII-E at SMP Negeri 2 Bintan as subjects, classified into climbers, campers, and quitters categories. Data were collected through questionnaires, mathematical comprehension tests, and semi-structured interviews. Results show that climber students demonstrated the highest ability, meeting all conceptual understanding indicators and two procedural fluency indicators. Camper students exhibited moderate ability, fulfilling three conceptual understanding indicators and one procedural fluency indicator. Quitter students showed the lowest ability, meeting only two conceptual understanding indicators without fulfilling any procedural fluency indicators. The findings indicate a positive relationship between Adversity Quotient levels and students' mathematical performance in solving word problems.