

ABSTRAK

Andini Gratia Oktovani Manalu (NIM. 4203111077). Analisis Kemampuan Pemecahan Masalah Matematis Siswa Ditinjau dari *Self Confidence*.

Penelitian ini bertujuan untuk: 1) mengetahui kemampuan pemecahan masalah matematis siswa dalam menyelesaikan soal matematika di kelas X SMA Negeri 1 Percut Sei Tuan. 2) mengetahui tingkat *self-confidence* siswa kelas X SMA Negeri 1 Percut Sei Tuan. 3) menganalisis kemampuan pemecahan masalah matematis ditinjau dari *self confidence* siswa kelas X SMA Negeri 1 Percut Sei Tuan. Jenis penelitian ini adalah penelitian deskriptif dengan pendekatan kualitatif. Subjek dalam penelitian ini adalah beberapa siswa yang dipilih berdasarkan angket *self confidence*, yang kemudian diklasifikasikan ke dalam kategori *self confidence* tinggi, sedang, dan rendah. Teknik pengumpulan data meliputi tes kemampuan pemecahan masalah matematis, angket *self confidence*, dan wawancara. Analisis data dilakukan melalui tahap reduksi data, penyajian data, dan penarikan kesimpulan. Berdasarkan hasil penelitian dan keabsahan data dapat disimpulkan bahwa: 1) siswa dengan *self confidence* tinggi mampu memenuhi sebagian besar indikator kemampuan pemecahan masalah matematis, yaitu memahami masalah, merencanakan penyelesaian, melaksanakan rencana, serta memeriksa kembali hasil penyelesaian dengan baik. 2) Siswa dengan *self confidence* sedang mampu menyelesaikan masalah matematis, namun masih mengalami kesulitan pada beberapa tahap, terutama dalam melaksanakan rencana dan memeriksa kembali hasil. Sementara itu, siswa dengan *self confidence* rendah menunjukkan kemampuan pemecahan masalah yang masih terbatas, khususnya dalam memahami masalah dan menentukan langkah penyelesaian yang tepat.

Kata Kunci : kemampuan pemecahan masalah matematis, *self confidence*, matematika

ABSTRACT

Andini Gratia Oktovani Manalu (NIM. 4203111077). *An Analysis of Students' Mathematical Problem-Solving Ability in Terms of Self-Confidence.*

This study aims to: (1) determine students' mathematical problem-solving ability in solving mathematics problems in Grade X of SMA Negeri 1 Percut Sei Tuan; (2) identify the level of self-confidence of Grade X students of SMA Negeri 1 Percut Sei Tuan; and (3) analyze students' mathematical problem-solving ability in terms of their self-confidence. This study employed a descriptive research design with a qualitative approach. The subjects of this study were several students selected based on the results of a self-confidence questionnaire, who were then classified into high, moderate, and low self-confidence categories. Data collection techniques included a mathematical problem-solving ability test, a self-confidence questionnaire, and interviews. Data analysis was conducted through data reduction, data display, and conclusion drawing. Based on the research findings and data validity, it can be concluded that: 1) Students with high self-confidence are able to fulfill most of the indicators of mathematical problem-solving ability, namely understanding the problem, planning a solution, implementing the plan, and reviewing the results of the solution well. 2) Students with moderate self-confidence are able to solve mathematical problems, but still experience difficulties at several stages, especially in implementing the plan and reviewing the results. 3) Meanwhile, students with low self-confidence show limited problem-solving ability, especially in understanding the problem and determining the right steps to solve it..

Keywords: mathematical problem-solving ability, self-confidence, mathematics