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#4226 Summary

SUMMARY REVIEW EDITING

Submission

Authors	Khoerul Umam, Dedi Hidayat, Supandi Supandi
Title	MEMAHAMI BAGAIMANA SISWA LAKI-LAKI DAN PEREMPUAN MEMECAHKAN MASALAH MATERI SISTEM PERSAMAAN LINEAR
Original file	4226-12946-1-SM.DOCX 2021-09-14
Supp. files	4226-12947-1-SP.PDF 2021-09-14 4226-12948-1-SP.DOCX 2021-09-14
Submitter	Khoerul Umam <input type="button" value="✉"/>
Date submitted	September 14, 2021 - 10:12 PM
Section	Articles
Editor	Swaditya Rizki <input type="button" value="✉"/>
Abstract Views	0

Status

Status	Published	Vol 10, No 4 (2021)
Initiated	2021-12-31	
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Title and Abstract

Title MEMAHAMI BAGAIMANA SISWA LAKI-LAKI DAN PEREMPUAN MEMECAHKAN MASALAH MATERI SISTEM PERSAMAAN LINEAR

Abstract Kemampuan pemecahan masalah matematika dipengaruhi oleh kemampuan siswa dalam mematematisasi masalah. Dalam memahami bagaimana proses itu terjadi dapat dieksplorasi, salah satu cara mengeksplorasi kemampuan pemecahan masalah matematika dapat menggunakan materi sistem persamaan linear. Materi ini memungkinkan siswa untuk mengembangkan pengetahuan matematika melalui pemecahan masalah. Metode penelitian yang digunakan metode deskriptif kualitatif guna untuk mendeskripsikan kemampuan pemecahan masalah pada siswa dalam materi persamaan linier ditinjau dari kemampuan matematis. Instrumen penelitian ini menggunakan materi system persamaan linear yang mengharuskan siswa mengembangkan kemampuan pemecahan masalah matematisnya. Data penelitian divalidasi dengan menggunakan triangulasi waktu dan sumber agar didapatkan data penelitian yang reliabel dan valid. Analisis data menggunakan analisis deskriptif berdasarkan indikator pada kemampuan pemecahan masalah. Hasil Penelitian ini menunjukkan bahwa siswa telah memahami urutan dalam langkah-langkah memecahkan masalah pada persoalan system persamaan linear dua variabel. Perbedaan mendasar dapat dilihat ketika siswa perempuan lebih mendetailkan seluruh informasi yang didapatkan sedangkan siswa laki-laki cenderung menghabiskan waktu untuk membaca masalah tetapi tidak mendetailkan informasi yang didapatkan. Kecenderungan yang berbeda bagaimana siswa perempuan dan laki-laki mengawali proses pemecahan masalah matematika dapat membantu guru untuk tahapan dan langkah apa yang diperlukan dalam mengembangkan kualitas pembelajaran matematika yang lebih berkelanjutan.

Indexing

Keywords Gender, Kemampuan PAlexander, P. a. (2012). How We Think: A Theory of Goal-Oriented Decision Making and Its Educational Applications , by Alan H. Schoenfeld . Mathematical Thinking and Learning, 14(3), 257–263. <https://doi.org/1emecahan Masalah Matematis>.

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Authors Khoerul Umam, Dedi Hidayat, Supandi Supandi

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