

ABSTRAK

Sujoko, 2019. *Analisis Kesalahan Siswa dalam Menyelesaikan Soal Cerita Materi Sistem Persamaan Linear Tiga Variabel Berdasarkan Analisis Newman Kelas X SMA Intensif Taruna Pembangunan Surabaya*. Program Studi Pendidikan Matematika. Fakultas Keguruan dan Ilmu Pendidikan. Universitas PGRI Adi Buana Surabaya. Pembimbing : Moh. Syukron Maftuh, S.Pd., M.Pd. dan Fenny Fitriani, S.Si., M.Si.

Kata Kunci: Kesalahan, Soal Cerita, Analisis Newman.

Penelitian ini di latar belakang oleh rendahnya kemampuan siswa dalam menyelesaikan soal cerita. Peneliti merumuskan masalah yaitu apa saja kesalahan siswa dan berapa persentase kesalahan siswa. Tujuan dari penelitian ini untuk mengetahui kesalahan siswa dan berapa persentase kesalahan siswa. Penelitian ini menggunakan pendekatan kuantitatif dengan jenis penelitian deskriptif dan menggunakan analisis Newman sebagai dasar penelitian. Subjek penelitian ini adalah 34 siswa kelas X MIA 2 SMA Intensif Taruna Pembangunan tahun ajaran 2018/2019 untuk diberikan tes tertulis berupa soal cerita dan di ambil 3 siswa yang melakukan kesalahan terbanyak untuk dilakukan wawancara. Analisis data dengan cara mereduksi data, menyajikan data dalam bentuk tabel untuk di deskripsikan yang kemudian dapat di ambil kesimpulan. Berdasarkan analisis data diperoleh kesimpulan bahwa (1) Pada tahap membaca siswa tidak mengalami kesulitan berarti sehingga tidak ada kesahan pada tahap membaca. (2) Pada tahap memahami sebanyak 37.15%. (3) Pada tahap transformasi sebanyak 13.04%. (4) Tahap ketrampilan proses sebanyak 20.94%. (5) penulisan jawaban akhir sebanyak 28.85%.

ABSTRACT

Sujoko, 2019. *Analysis of Student Errors in Resolving the Matter of Material Problems Three Variable Linear Equation Systems Based on Newman Class X Analysis of SMA Intensif Taruna Pembangunan Surabaya*. Mathematics Education Study Program. Faculty of Teacher Training and Education. University of PGRI Adi Buana Surabaya. Advisor: Moh. Syukron Maftuh, S.Pd., M.Pd. and Fenny Fitriani, S.Si., M.Sc.

Keywords: Errors, Story Problems, Newman Analysis.

This research is in the background by the students' low ability to solve story problems. The researcher formulated the problem, namely what were the students' mistakes and what percentage of students' mistakes. The purpose of this study is to find out student errors and what percentage of student errors. This study uses a quantitative approach with a type of descriptive research and uses Newman analysis as the basis of research. The subjects of this study were 34 students of class X MIA 2 SMA Intensif Taruna Pembangunan Surabaya 2018/2019 school year to be given written tests in the form of story questions and taken by 3 students who made the most mistakes for interviews. Data analysis by reducing data, presenting data in the form of tables to be described which can then be concluded. Based on data analysis, it can be concluded that (1) At the reading stage students do not experience significant difficulties so that there is no right at the reading stage. (2) At the stage of understanding as much as 37.15%. (3) During the transformation phase as much as 13.04%. (4) Process skill stage as much as 20.94%. (5) writing the final answer as much as 28.85%.