

ABSTRAK

Diar Saputri, 2024. Analisis Kesulitan Siswa dalam Menyelesaikan Soal Cerita Pada Materi Program Linear (Suatu Penelitian pada Siswa Kelas XI IPA SMA Al-Khairaat Kota Ternate). Di bawah bimbingan Bapak **Dr. Hery Suharna, S.Pd., M.Sc., M.Pd** dan Ibu **Dr. Ardiana, S.Si., M.Si.**

Penelitian ini bertujuan untuk mendeskripsikan kesulitan yang dialami siswa dalam menyelesaikan soal cerita pada materi program linear siswa kelas XI IPA SMA Al-Khairaat Kota Ternate.

Teknik pengumpulan data kesulitan siswa menggunakan teknik observasi, tes dan wawancara. Instrumen tes yang digunakan adalah soal uraian yang berjumlah 1 butir soal yang telah divalidasi. Data yang dikumpulkan dianalisis secara kualitatif dengan cara mereduksi, penyajian data. Triangulasi dan penarikan kesimpulan. Subjek penelitian ini adalah siswa kelas XI IPA SMA Al-Khairaat Kota Ternate sebanyak 20 siswa. Kemudian dipilih 6 siswa sebagai perwakilan subjek penelitian berdasarkan kategori kesulitan belajar (tinggi, sedang dan rendah) untuk dianalisis dan diwawancarai sebagai bentuk triangulasi.

Hasil penelitian menunjukkan bahwa siswa kelas XI IPA SMA Al-Khairaat Kota Ternate masih mengalami kesulitan dalam menyelesaikan soal cerita pada materi program linear, yaitu 2 siswa masih mengalami kesulitan rendah, 5 siswa masih mengalami kesulitan sedang dan 13 siswa masih mengalami kesulitan tinggi. Siswa dengan tingkat kesulitan rendah masih mengalami kesulitan konsep dan kesulitan prinsip, siswa dengan tingkat kesulitan sedang masih mengalami kesulitan konsep, prinsip dan menyelesaikan masalah verbal dan siswa dengan tingkat kesulitan tinggi cenderung mengalami kesulitan konsep, prinsip dan menyelesaikan masalah verbal.

Kata Kunci: Analisis, Kesulitan Menyelesaikan Soal Cerita, Program Linear.

ABSTRACT

Diar Saputri, 2024. Analysis of Students' Difficulties in Solving Story Problems on Linear Program Material (A Research on Class XI Science Students at Al-Khairaat High School, Ternate City). Under the guidance of Mr **Dr. Hery Suharna, S. Pd., M.Sc., M.Pd** and Mother **Dr. Ardiana, S.Si., M.Si.**

This research aims to describe the difficulties experienced by students in solving story problems in linear program material for class XI Science students at Al-Khairaat High School, Ternate City.

Data collection techniques for student difficulties use observation, tests and interviews. The test instrument used is a descriptive question consisting of 1 item that has been validated. The data collected was analyzed qualitatively by reducing and presenting the data. Triangulation and drawing conclusions. The subjects of this research were 20 students in class XI Science at Al-Khairaat High School, Ternate City. Then 6 students were selected as representatives of research subjects based on learning difficulty categories (high, medium and low) to be analyzed and interviewed as a form of triangulation.

The result of the research show that student Class XI Science Students at Al-Khairaat High School, Ternate City still experience difficulty in solving story problems in linear programming material, namely 2 students still experience low difficulty, 5 students still experience moderate difficulty and 13 students still experience high difficulty. Students with low difficulty still experience difficulties with concepts and principles, students with medium difficulty still experience difficulties with concepts, principles and solving verbal problems and students with high difficulty tend to experience difficulties with concepts, principles, and solving verbal problem.

Keywords: *Analysis, Difficulty Solving Story Problems, Linear Programming.*