

ABSTRAK

ANALISIS KESALAHAN SISWA DALAM MENYELESAIKAN SOAL ARITMATIKA SOSIAL

**(Analisis pada Siswa Kelas VIII SMP Negeri 8 Bandar Lampung
Semester Ganjil Tahun Ajaran 2022/2023)**

OLEH

KINTAN WANDA AULIA

Penelitian kualitatif ini bertujuan untuk mendeskripsikan kesalahan siswa dalam menyelesaikan persoalan aritmatika sosial. Subjek penelitian ini, siswa kelas VIII H dan VIII I SMP Negeri 8 Bandar Lampung tahun pelajaran 2022/2023. Data penelitian ini merupakan data kualitatif tentang kesalahan siswa. Selanjutnya, dilakukan analisis data melalui lima tahap yaitu, (1) kondensasi data, (2) kategorisasi, (3) sintesisasi, (4) menghitung persentase kesalahan, dan (5) menarik kesimpulan. Berdasarkan hasil penelitian, diperoleh simpulan bahwa kesalahan yang paling banyak yaitu (1) kesalahan operasi sebanyak 372 kesalahan dengan persentase kesalahan 22,52%, (2) kesalahan konsep 195 kesalahan dengan persentase kesalahan 11,80%, (3) kesalahan kecerobohan 111 kesalahan dengan persentase kesalahan 6,72%, dan (4) kesalahan prinsip 97 kesalahan dengan persentase kesalahan 5,87%. Adapun faktor penyebab kesalahan yang dilakukan siswa dan sesuai dengan jenis kesalahan yang menjadi fokus penelitian, (1) tidak memahami konsep prasyarat operasi dasar pecahan dan persentase, kurangnya ketelitian dalam melakukan proses operasi, dan kurangnya latihan soal serupa yang diberikan guru, (2) tidak cermat dalam membaca soal, materi tidak cukup dijelaskan dengan baik akibat pembelajaran daring, (3) tergesa-gesa saat pengerjaan soal (4) lupa rumus yang berkaitan dengan soal.

Kata Kunci : Kesalahan, Aritmatika Sosial, Faktor Kesalahan

ABSTRACT

ANALYSIS OF STUDENT'S ERRORS IN SOLVING SOCIAL ARITHMETIC PROBLEMS (Analysis on Grade VIII Students of SMP Negeri 8 Bandar Lampung 2022/2023)

By

KINTAN WANDA AULIA

This qualitative research aimed to describe students' errors in solving social arithmetic problems. The subjects of this study were students of class VIII H and VIII I of SMP Negeri 8 Bandar Lampung in the academic year 2022/2023. This research data were qualitative data about student errors. Data analysis was carried out through five stages, (1) data condensation, (2) categorization, (3) synthesis, (4) calculating the percentage of errors, and (5) taking a conclusion. Based on the results of the study, it concluded that dominantly errors were (1) operating errors with an error percentage of 22.52% as many as 372 errors. (2) Concept errors with an error percentage of 11.80% as many as 195 errors. (3) Carelessness error with an error percentage of 6.72% as many as 111 errors, and (4) the principle error with an error percentage of 5.87% or as many as 97 errors. The factors that cause errors made by students and according to the types of errors that were the focus of research in solving social arithmetic problems, (1) was not understand the concept of prerequisite operations for basic fractions and percentages, lack of accuracy in carrying out the operation process, and lack of similar practice questions given by the teacher, (2) were not careful in reading the questions, the material was not explained properly due to online learning, (3) in hurried rush when working on questions (4) forgot the formula related to the problem.

Keywords: Errors, Social Arithmetic, Errors factor