

ABSTRAK

Tujuan penelitian ini adalah mendeskripsikan letak kesalahan siswa SMP Negeri 1 Bandar Sribhawono dalam menyelesaikan soal cerita matematika HOTS materi bangun datar segiempat berdasarkan teori Newman dan mendeskripsikan jenis dan indikator kesalahan yang dilakukan siswa SMP Negeri 1 Bandar Sribhawono dalam menyelesaikan soal cerita matematika HOTS materi bangun datar segiempat berdasarkan teori Newman. Penelitian ini menggunakan pendekatan kualitatif dengan jenis deskriptif studi kasus. Subjek penelitian adalah siswa SMP Negeri 1 Bandar Sribhawono kelas VIII.7 sebanyak 33 siswa. Instrumen penelitian berupa soal tes uraian sebanyak 5 butir soal yang telah divalidasi dengan hasil layak digunakan dan diujicobakan dengan jumlah responden 15 siswa kelas VIII.5 diperoleh tingkat kesukarannya masuk dalam kategori sukar-sedang dengan kirsaran nilai 0,00-0,06 dan reliabilitasnya masuk dalam kategori tinggi. Berdasarkan hasil penelitian diperoleh bahwa kesalahan dalam menyelesaikan soal cerita matematika HOTS (*Higher Order Thinking Skills*) pada materi bangun datar segiempat yang ditemukan terletak pada: (1) kesalahan dalam membaca soal; (2) kesalahan dalam memahami soal; (3) kesalahan dalam transformasi proses; (4) kesalahan dalam keterampilan; (5) kesalahan dalam menuliskan jawaban akhir.

Kata Kunci: Analisis kesalahan, HOTS, Teori Newman.

ABSTRACT

The purpose of this study was to describe the location of the errors of SMP Negeri 1 Bandar Sribhawono students in solving the HOTS math story problems in the material of quadrilaterals based on Newman's theory and to describe the types and indicators of errors made by the students of SMP Negeri 1 Bandar Sribhawono in solving HOTS math story problems in the material of quadrilaterals. based on Newman's theory. This research uses a qualitative approach with a descriptive case study type. The research subjects were students of SMP Negeri 1 Bandar Sribhawono class VIII.7 as many as 33 students. The research instrument is in the form of a description test of 5 items that have been validated with results that are feasible to use and tested with a number of respondents 15 students of class VIII.5, the difficulty level is in the category of difficult-moderate with a value range of 0.00-0.06 and the reliability is included in the high category. Based on the results of the study, it was found that the errors in solving the HOTS (Higher Order Thinking Skills) math story problems in the rectangular shape material were found in: (1) errors in reading the questions; (2) errors in understanding the questions; (3) errors in the transformation process; (4) errors in skills; (5) errors in writing the final answer.

Keywords: Error analysis, HOTS, Newman's Theory.