

ABSTRAK

Puji Chairu Fadhilah, NIM 4173311079 (2021). Analisis Kemampuan *Higher Order Thinking Skills* (HOTS) Matematika Siswa Pada Materi Bangun Ruang Sisi Datar di SMP Istiqlal Delitua.

Rendahnya mutu pendidikan di Indonesia diakibatkan karena peserta didik tidak memiliki kemampuan *Higher Order Thinking Skills* (HOTS) sehingga peserta didik tidak mampu bersaing pada taraf *internasional*. Penelitian ini bertujuan untuk menganalisis kemampuan dan menganalisis kesalahan yang dilakukan siswa SMP dalam menyelesaikan soal *Higher Order Thinking Skills* (HOTS) matematika siswa SMP pada materi bangun ruang sisi datar. Jenis penelitian ini termasuk dalam penelitian deskriptif kualitatif. Subjek dalam penelitian ini berjumlah 30 peserta didik. Setelah diperoleh hasil tes akan dipilih 3 peserta didik yang akan dilakukan analisis secara mendalam melalui wawancara. Dikelompokkan dengan 3 pengelompokan yaitu kelompok berkemampuan tinggi, berkemampuan sedang dan berkemampuan rendah. Tes kemampuan *Higher Order Thinking Skills* (HOTS) terdiri dari 3 soal yang masing-masing memuat indikator menganalisis (*analyze*), mengevaluasi (*evaluate*) dan mencipta (*create*). Hasil penelitian ini menunjukkan kemampuan *Higher Order Thinking Skills* (HOTS) matematika siswa SMP Istiqlal Delitua pada materi bangun ruang sisi datar secara keseluruhan masih perlu ditingkatkan karena tergolong kategori rendah. Hasil tes kemampuan *higher order thinking skills* matematika siswa SMP Istiqlal pada materi bangun ruang sisi datar untuk indikator menganalisis (*analyze*) sebesar 27,5%, indikator mengevaluasi (*evaluate*) sebesar 21,38% dan indikator mencipta (*create*) sebesar 11,94%. Kesalahan-kesalahan yang dilakukan siswa SMP Istiqlal Delitua dalam menyelesaikan soal *Higher Order Thinking Skills* (HOTS) matematika yaitu kesalahan membaca, kesalahan pemahaman, salah dalam mengintrepetasikan soal, siswa tidak memahami materi yang berhubungan dengan penggunaan rumus dalam bangun ruang sisi datar sehingga tidak dapat memahami soal, kesalahan konsep, kurang ketelitian dalam membaca dan menghitung, terlalu tergesa-gesa dalam mengerjakan soal, serta kesalahan dalam mengambil kesimpulan.

Kata kunci : Tes, Kemampuan, *High Order Thinking Skills*, Matematika

ABSTRACT

Puji Chairu Fadhilah, NIM 4173311079 (2021). Analysis of Students' Mathematical Higher Order Thinking Skills (HOTS) on the Material of Constructing Flat Side Spaces at Istiqlal Junior High School Delitua.

The low quality of education in Indonesia is caused by the fact that students do not have Higher Order Thinking Skills (HOTS) so that students are unable to compete at an international level. This study aims to analyze the abilities and errors made by junior high school students in solving problems of Higher Order Thinking Skills (HOTS) mathematics of junior high school students on the material of flat side space. This type of research is included in qualitative descriptive analysis. Subjects in this study amounted to 30 students. After the test results are obtained, three students will be selected to be analyzed in depth through interviews and grouped into three groupings, namely the high ability group, medium ability, and low ability. The Higher Order Thinking Skills (HOTS) ability test consists of 3 questions, each of which contains indicators to analyze (analyze), evaluate (evaluate), and create (create). This study indicates that the Higher Order Thinking Skills (HOTS) mathematical abilities of Istiqlal Delitua Junior High School students in the overall flat side space still need to be improved because they are in a low category. The results of the higher-order thinking skills test of Istiqlal junior high school mathematics students on the flat-sided space for the indicator to analyze (analyze) of 27.5%, the arrow to evaluate (evaluate) of 21.38%, and the hand of creating (create) of 11.94%. The mistakes made by Istiqlal Delitua Junior High School students in solving mathematics Higher Order Thinking Skills (HOTS) questions are reading errors, understanding errors, misinterpreting the questions, students do not understand the material related to the use of formulas in the form of flat side spaces so they cannot understand questions, conceptual errors, lack of accuracy in reading and counting, being too hasty in doing questions, and errors in concluding.

Keywords: Test, Ability, *High Order Thinking Skills*, Mathematics

