

ABSTRAK

Juwairia Tukuboya, 2021. Analisis Kemampuan Penalaran Matematis Siswa Kelas VIII SMP Negeri 5 Kota Ternate Pada Materi Tekanan Zat. Dibawah ini bimbingan: Dr. Hj. Mardia Hi. Rahman, M.Pd., Dan Dr. Nasrun Balulu, M.Si, Skripsi Ternate: Fakultas Keguruan dan Ilmu Pendidikan Universitas Khairun

Penelitian ini bertujuan untuk mendeskripsikan kemampuan penalaran matematis siswa kelas VIII SMP Negeri 5 kota Ternate pada materi tekanan zat. Penelitian ini merupakan penelitian deskriptif, subjek dalam penelitian ini adalah siswa kelas VIII SMP Negeri 5 kota Ternate, tehnik pengambilan subjek dilakukan tes kemampuan penalaran matematis siswa dengan jumlah calon subjek 32 orang siswa. Tehnik pengumpulan data dilakukan dengan menggunakan instrumen tes.

Hasil tes kemampuan penalaran matematis siswa dikelompokkan sesuai dengan kategori yang dimiliki siswa yaitu jumlah siswa kelompok tinggi sebanyak 10 orang (70%), penalaran jumlah siswa kelompok sedang 15 orang (55,70%), sedangkan penalaran matematis siswa kelompok rendah sebanyak 7 orang siswa (55%).

Kata Kunci : Kemampuan Penalaran Matematis Siswa, Tekanan Zat.

ABSTRACT

Juwairia Tukuboya, 2021. Analisis of mathematical reasoning abilities of students of class VIII SMP Negeri 5 Kota Ternate City on the material pressure of substances. Below is the guidance: Dr. Hj. Mardia Hi. Rahman, M.Pd., and Dr. Nasrun Balulu, M.Si, Ternate thesis: Faculty of Teacher Training and Education, Khairun University.

This study aims to describe the mathematical reasoning ability of grade VIII SMP Negeri 5 Kota Ternate students on the material pressure of substances. This research is a descriptive study, the subjects in this study were students of class VIII SMP Negeri 5 Kota Ternate City, the technique of taking the subject was a test of students' mathematical reasoning abilities with the number of prospective subjects 32 students. Data collection techniques were carried out using test instruments.

The results of the student's mathematical reasoning ability tests were grouped according to the categories of students, namely in the high group as many as 10 people (70%), the reasoning of the number of students in the medium group was 15 people (55,70%), while the mathematical reasoning of the students in the low group was 7 students (55%).

keywords: student's mathematical reasoning ability, substance pressure.

