

ABSTRAK

Rani, 2022. Kemampuan berpikir kreatif matematis siswa dalam Menyelesaikan Soal Sistem Persamaan Linear Dua Variabel di bawah bimbingan Ibu Dr. Marwia Tamrin Bakar., S.Pd. M. Pd dan ibu Ariyanti jalal., S.Pd., M.Pd

Penelitian ini bertujuan untuk mendeskripsikan kemampuan berpikir kreatif matematis siswa dalam menyelesaikan soal sistem persamaan linear dua variabel. Jenis penelitian ini adalah penelitian kualitatif. Metode yang digunakan adalah tes, wawancara, dokumentasi. Siswa diminta untuk mengerjakan soal tes kemampuan berpikir kreatif matematis (KBKM), kemudian diwawancarai berdasarkan kemampuan matematika siswa yang dimiliki untuk memperoleh informasi yang lebih mendalam tentang kemampuan berpikir kreatif matematis siswa dalam menyelesaikan soal sistem persamaan linear dua variabel. Teknik analisis data dalam penelitian ini adalah reduksi data (*Data reduction*), paparan data (*data display*), dan penarikan kesimpulan. Subjek penelitian ini adalah siswa kelas VIII Mts Darul Ulum Sasa Kota Ternate yang berjumlah 19 siswa, dengan perwakilan dalam penelitian ini adalah siswa S-5 yang kreatif, S-8 yang berkemampuan cukup kreatif dan S-14 yang berkemampuan kurang kreatif.

Hasil penelitian kemampuan berpikir kreatif matematis siswa dalam menyelesaikan soal sistem persamaan linear dua variabel sebagai berikut 1) sebanyak 2 siswa (10,52 %) mencapai kemampuan berpikir kreatif matematis dengan kriteria kreatif dapat berpikir lancar (*fluency*), berpikir luwes (*flexibiliti*), dan berpikir terperinci (*elaboration*) dalam menyelesaikan soal pada sistem persamaan linear dua variabel, 2) sebanyak 10 siswa (52,63%) berkriteria cukup kreatif karena belum sepenuhnya mencapai kemampuan indikator berpikir luwes (*flexibility*) pada soal sistem persamaan linear dua variabel dan 3) sebanyak 7 siswa (36,84 %) yang berkriteria kurang kreatif karna belum mencapai indikator berpikir luwes (*flexibility*) dan berpikir terperinci (*elaboration*).

Kata kunci: kemampuan berpikir kreatif matematis siswa, sistem persamaan linear dua variabel, dan kemampuan matematis siswa

ABSTRACT

Rani, 2022. Students' mathematical creative thinking ability in Solving Two Variable Linear Equation System Problems under the guidance of Mrs. Dr. Marwia Tamrin Bakar., S, Pd. M. Pd and Mrs. Ariyanti jalal., S.Pd., M.Pd

This study aimed to describe students' mathematical creative thinking skills in solving two-variable linear equation system problems. This type of research is qualitative research. The methods used are tests, interviews, documentation. Students were asked to work on the mathematical creative thinking ability test (KBKM), then interviewed based on the students' mathematical abilities to obtain more in-depth information about students' mathematical creative thinking skills in solving two-variable linear equation systems. Data analysis techniques in this study are data reduction (data reduction), data exposure (data display), and drawing conclusions. The subjects of this study were 19th grade students of Mts Darul Ulum Sasa, Ternate City, with representatives in this study being creative S-5 students, S-8 students with moderately creative abilities and S-14 students with less creative abilities.

The results of the research on students' mathematical creative thinking abilities in solving problems with a system of linear equations with two variables are as follows: 1) 2 students (10.52%) achieved mathematical creative thinking skills with creative criteria being able to think fluently (fluency), think flexible (flexibility), and detailed thinking (elaboration) in solving problems on a two-variable linear equation system, 2) as many as 10 students (52.63%) have quite creative criteria because they have not fully achieved the ability of flexible thinking indicators (flexibility) on a two-variable linear equation system problem and 3) as many as 7 students (36.84%) who have less creative criteria because they have not reached the indicators of flexible thinking (flexibility) and detailed thinking (elaboration).

Keywords: students' mathematical creative thinking skills, two-variable linear equation system and students' mathematical abilities.