

ABSTRACT

Calcilea Deny Krisnawati (111414008). "Analysis of Student Learning Difficulties and Remediation Efforts on the topics Application of Linear Equations Highlights One Variable of Class VII B at SMP Pangudi Luhur Giriwoyo Wonogiri". Thesis Mathematics Education Study Program Department of Mathematics and Science Education, Faculty of Teachers Training and Education, Sanata Dharma University.

The research for this thesis aimed to determine the kinds of difficulties faced by students on the topic of application of linear equations of one variable, factors that cause learning difficulties and the results of remediation efforts to address student learning difficulties.

The method used in this research was qualitative-descriptive. Quantitative approach was also used as a support, to processing structured observations and to identify students who are having difficulty learning. Data were collected in March-May 2015 in Pangudi Luhur, Giriwoyo Junior High School. The object of this study was the set of difficulties experienced by students in the topic of the application of linear equations in one variable and its subject of this study is all students who have difficulty learning. Data collected by using the diagnostic test, observation and through interview techniques.

The Results of this research are a kinds of learning difficulties faced by students on the topic of the application of linear equations of the variables include the difficulty understanding the intent matter, the difficulty in modeling (change the wording in the formula), and difficulties in the process of problem-solving skills. In addition, factors-factors that cause students' learning difficulties are internal factors students are less daring expression, less active questioning and on external factors, namely the material elusive and relationships with friends in class less harmonious. Based on the analysis of diagnostic test, there are 23 of the 33 students who have learning difficulties or 69,69% of students who take teaching and test remediation. And once held teaching remediation and remediation tests there are 16 students who completed, and as many as 23 students or all students experience a reduction in the number of types of errors in the work on the problems. While the results of the evaluation of teaching remediation, from interviews with the teacher and several students stated that, teaching remediation have a positive impact for students is to improve understanding of the material application of one variable linear equations.

Keywords: types of learning difficulties, the implementation of one variable linear equations, factors-factors that cause learning difficulties, teaching remediation

ABSTRAK

Calcilea Deny Krisnawati (111414008). *“Analisis Kesulitan Belajar Siswa dan Upaya Remediasi dalam Pokok Bahasan Penerapan Persamaan Linear Satu Variabel Kelas VII B SMP Pangudi Luhur Giriwoyo Wonogiri”*. Skripsi Program Studi Pendidikan Matematika Jurusan Pendidikan dan Ilmu Pengetahuan Alam, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Sanata Dharma.

Penelitian dalam skripsi ini, bertujuan untuk mengetahui jenis-jenis kesulitan belajar yang dihadapi siswa dalam pokok bahasan penerapan persamaan linear satu variabel, faktor-faktor penyebab kesulitan belajar dan hasil upaya remediasi untuk mengatasi kesulitan belajar siswa.

Metode yang digunakan dalam penelitian ini adalah deskriptif kualitatif. Pendekatan kuantitatif juga digunakan sebagai pendukung, dalam mengolah hasil pengamatan terstruktur dan mengidentifikasi siswa yang mengalami kesulitan belajar. Pengambilan data dilakukan pada bulan Maret–Mei 2015 di SMP Pangudi Luhur, Giriwoyo. Dengan pengambilan objek adalah kesulitan–kesulitan yang dialami oleh siswa–siswi dalam pokok bahasan penerapan persamaan linear satu variabel dan subjek pada penelitian ini adalah semua siswa–siswi yang mengalami kesulitan belajar. Pengumpulan data dilakukan dengan menggunakan tes diagnostik, pengamatan dan teknik wawancara.

Hasil penelitian ini adalah jenis-jenis kesulitan belajar yang dihadapi siswa pada pokok bahasan penerapan persamaan linear satu variabel meliputi kesulitan memahami maksud soal, kesulitan dalam memodelkan (mengubah kalimat dalam formula), dan kesulitan dalam keterampilan proses penyelesaian soal. Selain itu, faktor-faktor penyebab kesulitan belajar siswa yaitu faktor internal siswa kurang berani mengemukakan pendapat, kurang aktif bertanya dan faktor eksternal yaitu materi sulit dipahami, hubungan dengan teman di kelas kurang harmonis dan lingkungan belajar kurang kondusif. Berdasarkan hasil analisis dari tes diagnostik, terdapat 23 dari 33 siswa yang mengalami kesulitan belajar atau 69,69% siswa yang mengikuti pengajaran dan tes remediasi. Hasil pengajaran dan tes remediasi diperoleh sebanyak 16 siswa yang tuntas dan 23 siswa mengalami pengurangan banyaknya jenis kesalahan dalam mengerjakan soal. Sedangkan dari hasil evaluasi pengajaran remediasi melalui wawancara dengan guru dan beberapa siswa menyatakan bahwa, pengajaran remediasi sangat memberi dampak positif bagi siswa yaitu meningkatkan pemahaman materi penerapan persamaan linear satu variabel.

Kata kunci: *jenis-jenis kesulitan belajar, penerapan persamaan linear satu variabel, faktor-faktor penyebab kesulitan belajar, pengajaran remediasi*