

ABSTRAK

Natalia Rianingsih.2008.

Diagnosis Kesulitan Belajar Dan Pengajaran Remidi Bagi Siswa Kelas VIII Dalam Penyelesaian Sistem Persamaan Linear Dua Variabel Dengan Menggunakan Metode Eliminasi.

Skripsi, Program Studi Pendidikan Matematika, Jurusan Pendidikan Matematika dan Ilmu Pengetahuan Alam. Fakultas Keguruan dan Ilmu Pendidikan, Universitas Sanata Dharma.

Penelitian ini bertujuan untuk mendeskripsikan kesulitan-kesulitan yang dialami siswa kelas VIII SLTP dalam penyelesaian sistem persamaan linear dua variabel dengan metode eliminasi dan cara guru melaksanakan pengajaran remidi bagi siswa yang mengalami kesulitan

Penelitian ini merupakan penelitian kualitatif deskriptif. Subjek penelitian terdiri dari 2 orang siswa putra dan 2 orang siswa putri kelas VIII SLTP N 2 Srandakan Bantul. Pengumpulan data berlangsung selama bulan November 2007 di SLTP N 2 Srandakan Bantul, dilaksanakan 3 kali. Pengumpulan data dalam penelitian ini diperoleh dengan cara tes diagnostik, wawancara dengan siswa dan pengajaran remidi. Teknik pengumpulan data dilakukan dengan pengamatan terhadap pembelajaran di kelas sebanyak 1 kali, pengajaran remidi sebanyak 1 kali. Selain itu ada tes diagnostik sebanyak 1 kali dan wawancara sebanyak 1 kali. Pengambilan data dengan menggunakan *handycam* agar data yang diperoleh lebih lengkap. Analisis data dilakukan dengan prosedur: (1) transkripsi data, (2) penentuan topik-topik data, (3) penentuan kategori-kategori data, (4) penarikan kesimpulan.

Hasil penelitian berupa deskripsi mengenai kesulitan siswa dalam menyelesaikan sistem persamaan linear dua variabel dengan metode eliminasi dan cara guru melakukan pengajaran remidi bagi siswa yang mengalami kesulitan. Kesulitan-kesulitan yang dialami siswa adalah: (1) kesulitan dalam memahami sistem persamaan linear dua variabel, yang meliputi (a) kesulitan dalam memahami cara penyelesaian sistem persamaan linear dua variabel dengan metode eliminasi, (b) membedakan suku yang sama dan berlawanan. (2) kesulitan dalam menentukan cara yang digunakan, yang meliputi (a) kesulitan melakukan operasi hitung perkalian, penjumlahan, pengurangan, pembagian, (b) kesulitan dalam melakukan operasi penjumlahan dan pengurangan suku yang memuat variabel, (c) kesulitan mengubah bentuk persamaan, (d) menentukan tanda operasi pengurangan atau penjumlahan untuk mengeliminir salah satu variabel, (e) melakukan operasi perkalian untuk mengeliminir salah satu variabel, (f) menyederhanakan bentuk persamaan. Sedangkan pengajaran remidi yang diberikan kepada siswa yang mengalami kesulitan adalah: (1) kesulitan pertama dengan cara: (a) mengulang kembali materi pelajaran, (b) memberikan latihan soal, (c) pemberian tugas, (d) tanya jawab, (e) bimbingan individual. (2) kesulitan kedua dengan cara: (a) mengulang kembali materi pelajaran, (b) tanya jawab, (c) bimbingan individual.

ABSTRACT

Natalia Rianingsih.2008.

Diagnosis on Remedial Teaching and Learning Difficulties of the Eighth Grade Students in Solving the System of Two Variables Linear Equation by using Elimination Method .

Thesis. Mathematics Education Study Program, Department of Mathematics Education and Science, Faculty of Teachers Training and Education, Sanata Dharma University Yogyakarta.

Research of this thesis has describe the difficulties of eighth grade student Junior High School in solving the system of two variables linear equation by using elimination method and remedial lesson method by the teacher to the students that found any difficulties.

This research used qualitative-descriptive research. The subject of this research consists of two boy and two girl students eighth grade students of 2 Srandakan Bantul Junior High School who were studying about the system of two variables linear equation. The data were gathered during November 2007 in 2 Srandakan Bantul Elementary School did it for three times. The data collection in this research was obtained by the diagnostics test, interview with the students and remedial teaching method. The technique of gather with observation and study in the class once, the diagnostic tes once, interview once. Data gathering was using handycam. The data analysis was done by procedure: (1) data transcript, (2) data topics choice by comparing and contrasting parts of data in the transcript, (3) data categories choice by comparing and contrasting topics of the data, and (4) drawing conclusion.

The result of the research was a descriptive of the students' difficulties in the system of two variables linear equation by elimination method and the teacher method in remedial lesson for the student who found any difficulties. The difficulties were (1). Difficulties in understanding the system of two variables linear equation is: (a) including difficulties of the solving the system of two variables linear equation by using elimination method, (b) to separate the same or the opposite. (2) The difficultie in deciding the way to solve is: (a) consisted of difficulties in doing counting operational of number sum, subtraction, multiplication, divide, (b) difficulties in counting operation that contains variables, (c) difficulties in changing equation form, (d) deciding number summing or subtracting operation symbol to eliminate of the variables, (e) doing multiply equation. Remedial lessons that given is (1) the first difficulty in the remedial teaching is (a) including teaching the material, (b) giving pratice test, (c) assigment, (d) question and answer, (e) individual assistance. (2) and the second (a) question and answer, (b) individual assistance.