

ABSTRAK

Theresia Imawati. 2016. Diagnosis Kesulitan Belajar Matematika Siswa Kelas VIII E SMP Negeri 2 Jatinom pada Materi Luas Dan Keliling Lingkaran. Skripsi. Program Studi Pendidikan Matematika. Jurusan Pendidikan Matematika dan Ilmu pengetahuan Alam. Fakultas Keguruan dan Ilmu Pendidikan. Universitas Sanata Dharma. Yogyakarta.

Penelitian ini bertujuan untuk mengetahui kesulitan-kesulitan belajar matematika yang dialami siswa pada materi luas dan keliling lingkaran, mengetahui faktor-faktor yang menyebabkan kesulitan belajar matematika materi luas dan keliling lingkaran, dan mengetahui rekomendasi pemecahan masalah yang dapat dilakukan dalam menghadapi kesulitan belajar matematika materi luas dan keliling lingkaran di kelas VIII E SMP Negeri 2 Jatinom.

Jenis penelitian ini adalah penelitian deskriptif kualitatif. Subjek penelitian yaitu siswa yang mengalami kesulitan belajar di kelas VIII E SMP Negeri 2 Jatinom. Teknik pengumpulan data yang digunakan yaitu metode tes dan wawancara. Instrumen penelitian yang digunakan yaitu tes diagnostik dan pedoman wawancara.

Hasil penelitian ini menunjukkan bahwa (1) jenis kesulitan yang dilakukan siswa, yaitu (a) kesulitan dalam menggunakan rumus, (b) kesulitan dalam menghitung bilangan decimal, (c) kesulitan dalam diri siswa sendiri, (2) faktor-faktor yang menyebabkan kesulitan belajar matematika materi luas dan keliling lingkaran meliputi faktor yang menyebabkan kesalahan dalam mengerjakan soal dan faktor internal. Faktor yang menyebabkan kesalahan dalam mengerjakan soal yaitu (a) kesulitan dalam menggunakan rumus, (b) kesulitan dalam menghitung bilangan desimal. Faktor internal yang mempengaruhi yaitu (a) kemampuan intelektual siswa, (b) cara belajar siswa, (c) motivasi belajar, (d) kebiasaan belajar, (e) konsentrasi belajar, (f) kemampuan mengingat, (g) kesehatan tubuh. Rekomendasi pemecahan masalah kesulitan belajar materi luas dan keliling lingkaran adalah perlunya pengajaran khusus sebagai pengayaan dan penyembuhan, menggunakan metode mengajar yang inovatif dan kreatif, dan menciptakan kondisi belajar yang mendukung siswa dalam pembelajaran serta latihan-latihan soal.

Kata kunci : *diagnosis kesulitan belajar, matematika*

ABSTRACT

Theresia imawati. 2016. The Diagnose of Difficulty in Learning of Mathematics in the eighth years students of SMP N 2 Jatinom in the Material Area and Circumference of the Circle. Thesis. Mathematics Education Study Program. Department of Mathematics and Science Education. Faculty of Theacher Training and Education. Sanata Dharma University. Yogyakarta.

This research aims to find the difficulties in learnig mathematics that is experienced by students on the material of area and circumference of the circle, to find the factors which couse difficulty in learning mathematics on the material of area and circumference of the circle, and discover problem solving recommendation that can be done to solve the difficulty in learning mathematics on the material of area and circumference of the circle in 8th year students of SMP N 2 Jatinom.

The type of this research is a descriptive qualitative research. The research's subjects are the students who have difficulty learning in class VIII E of SMP N 2 Jatinom. Data collection teacniques that is applied is tes and interviews method. Research instrument which used is diagnostic test and interview guides.

The results of the research shows that (1) the type of difficulty faced by students are (a) the dificulty in applying the formula, (b) the difficulty in calculating a decimal value, (c) the dificulty of the students themselves, (2) the factors which cause the difficulty in learning mathematics on the material of area and circumference of the circle include the factors that couse an errors in solving problem and internal factor. Include the factors that couse an errors in solving problem are (a) the difficulty in using the formula, (b) the difficulty in count decimal numbers. Internal factor that affect covering (a) the ability to intellectual students, (b) how to learn students, (c) motivation to learn, (d) the habit of learning, (e) concentration learning, (f) the abiliti to remember, (g) the health of body. Problem solving recommendations for the learning difficulty on the material of area and circumference of the circle is the needs of special teaching as an enrichment and healing, using an inovative and creative teaching method, and creates studying condition which supports the students in learning and solving exercise problem.

Keywords : *diagnosis learning difficulty, mathematics*