

ABSTRAK

Dionisia Avila Dwi Grahastuti. 2020. ANALISIS KESULITAN BELAJAR DALAM MEMAHAMI KONSEP DAN PENYELESAIAN MASALAH PADA MATERI PELUANG DI KALANGAN SISWA ASRAMA KELAS VIII SMP ALOYSIUS TURI TAHUN PELAJARAN 2018/2019. Skripsi. Program Studi Pendidikan Matematika. Jurusan Pendidikan Matematika dan Ilmu Pengetahuan Alam. Fakultas Keguruan dan Ilmu Pendidikan. Universitas Sanata Dharma.

Penelitian ini bertujuan untuk (1) mendeskripsikan kesulitan belajar siswa dalam memahami konsep dan penyelesaian masalah pada materi peluang (2) mendeskripsikan faktor internal yang menyebabkan siswa mengalami kesulitan belajar dalam memahami konsep dan penyelesaian masalah pada materi peluang di kalangan siswa asrama kelas VIII SMP Aloysius Turi.

Penelitian ini merupakan penelitian deskriptif dengan menggunakan pendekatan kualitatif dan kuantitatif. Subjek pada penelitian ini adalah 15 siswa asrama kelas VIII SMP Aloysius Turi tahun ajaran 2018/2019. Obyek penelitian ini adalah kesulitan-kesulitan belajar yang dialami siswa asrama kelas VIII SMP Aloysius Turi dalam memahami konsep dan penyelesaian masalah pada materi peluang dan faktor internal yang menyebabkan siswa mengalami kesulitan dalam memahami konsep dan penyelesaian masalah pada materi peluang. Pengambilan data dilakukan pada bulan Mei 2019. Pengumpulan data dilakukan dengan memberikan tes dan wawancara kepada subjek. Setiap data yang diperoleh disajikan dalam bentuk tabel dan deskriptif serta dianalisis secara kualitatif dan kuantitatif.

Hasil penelitian ini menunjukkan bahwa (1) kesulitan siswa kelas VIII asrama SMP Aloysius Turi pada materi peluang, yaitu (a) pemahaman bahasa matematika yang masih kurang antara lain: siswa tidak memahami hubungan antara kejadian dan eksperimen, tidak memahami konsep dari kejadian dan eksperimen, siswa tidak memahami setiap kalimat yang ada di dalam soal, dan siswa tidak mengerti arti komplemen (b) kesulitan dalam menransfer pengetahuan antara lain: siswa dapat menentukan peristiwa mana yang termasuk kejadian dan mana yang termasuk eksperimen namun siswa bingung dalam memberikan alasan, dan siswa menggunakan rumus yang salah. (2) Faktor internal yang menyebabkan siswa asrama kelas VIII SMP Aloysius Turi mengalami kesulitan belajar matematika pada materi peluang, yaitu (a) kurangnya pengetahuan mengenai konsep komplemen, (b) kurangnya pengetahuan mengenai konsep peluang, (c) kurangnya pengetahuan mengenai bagian kartu bridge, (d) kurangnya pengetahuan mengenai konsep kejadian dan eksperimen, (e) siswa bingung dalam menyelesaikan soal cerita yang diberikan, (f) siswa tidak memperhatikan ketika guru sedang mengajarkan materi peluang.

Kata Kunci: Kesulitan Belajar, Analisis Kesulitan Belajar, Peluang

ABSTRACT

Dionisia Avila Dwi Grahastuti. 2020. ANALYSIS OF LEARNING DIFFICULTIES CONCEPT AND PROBLEM SOLVING ON THE PROBABILITY MATERIALS AMONG THE DORMITORY STUDENTS OF ALOYSIUS TURI JUNIOR HIGH SCHOOL 8 GRADE ACADEMIC YEAR OF 2018/2019. Thesis. Mathematics Education Study Program. Department of Mathematics and Science Education. Faculty of Teacher Training and Education. Sanata Dharma University.

This research aimed for (1) to describe students difficulties about learning concept and solving problem of the material probability materials (2) to describe intern factors that causing the students difficulties on learning concept and problem solving on probability materials among the 8 grade dormitory students of Aloysius Turi Junior High Schools.

This descriptive researched used qualitative and quantitative approaches. The subjects of this research were 15 students of Aloysius Turi Junior High School Dormitory grade 8 academic year of 2018/2019. The objects of this researches are the difficulties on learning that experienced by the 8 dormitory students of Aloysius Turi Junior High School, the data examined in this research were difficulties experienced by students and internal factors that caused the students facing difficulties about probability materials. Data collection had been conducted on May 2019. Data collection is done by providing tests and interview guides. Each data obtained then presented in tabular and descriptive and analyzed qualitatively and quantitatively.

The results of this research indicated that (1) The difficulties faced by the dormitory students of Aloysius Turi Junior High School 8 grade were (a) understanding of the language of mathematics is still not enough for examples: the students do not understand about the relation between events and experiment, students do not understand the concept of events and experiments, student do not understand every sentence in the problem, and students do not understand to meaning of complement (b) difficulty in transferring knowledge which is: the students can determine which event is included in the events and which is included in the experiment, but students are confused in giving reasons, and the students are using the wrong formula. (2) Internal factors that caused the dormitory students of Aloysius Turi Junior High School 8 grade experienced difficulties on learning the material probability were (a) lack on knowledge about the concept of complement, (b) lack on knowledge about the concept of probability, (c) lack on knowledge about the parts bridge card, (d) lack on knowledge about the concept events and eperiments, (e) students were confused in solving the questions given, (f) students did not pay attention when the teacher was teaching probability materials.

Keywords: Learning Difficulties, Analysis of Learning Difficulties, Probability