

## ABSTRAK

**Cinthy Christine Natallia. 2014. *Hubungan antara Kemampuan Memahami Isi Bacaan dengan Kemampuan Memodelkan Soal Cerita Matematika pada Siswa Kelas VII B SMP Joannes Bosco Yogyakarta.* 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 : 1) kemampuan memahami isi bacaan yang dimiliki siswa kelas VII B SMP Joannes Bosco Yogyakarta, 2) Kemampuan memodelkan soal matematika dalam bentuk cerita yang dimiliki siswa kelas VII B SMP Joannes Bosco Yogyakarta, 3) hubungan antara kemampuan pemahaman isi bacaan dengan kemampuan memodelkan soal cerita pada siswa kelas VII B SMP Joannes Bosco Yogyakarta.

Penelitian ini dilaksanakan di kelas VII B SMP Joannes Bosco Yogyakarta pada bulan April hingga Mei 2014. Jenis penelitian ini merupakan penelitian deskriptif dengan pendekatan kuantitatif. Data dalam penelitian ini dianalisis menggunakan pendekatan kuantitatif dan kualitatif. Instrumen yang digunakan yaitu instrumen penelitian yang berupa dua jenis tes.

Hasil penelitian menunjukkan bahwa : 1) Kemampuan siswa SMP Joannes Bosco Kelas VII B dalam memahami isi bacaan masih termasuk kurang. Hal ini dapat terlihat dari rata-rata hasil tes memahami isi bacaan yaitu 41,40. 2) Kemampuan siswa SMP Joannes Bosco Kelas VII B dalam Memodelkan Soal Cerita Matematika masih termasuk kurang. Hal ini dapat terlihat dari rata-rata hasil tes memodelkan soal cerita matematika yaitu 35,63. Dari hasil wawancara tampak bahwa salah satu faktor yang membuat kemampuan memodelkan soal cerita matematika siswa SMP Joannes Bosco Kelas VII B kurang adalah selama ini siswa kurang dilatih untuk mengerjakan soal memodelkan. 3) Berdasarkan dari penggambaran hubungan kedua variabel dapat terlihat dari *Scatter diagram* dan perhitungan koefisien korelasi sebesar 0,00715 dan tidak signifikan pada taraf 0,05 karena  $r_{hitung} < r_{tabel}$ , bahkan dari interpretasi nilai  $r$  dapat dikatakan bahwa kedua variabel nampak tidak berkorelasi untuk subyek penelitian siswa kelas VII B SMP Joannes Bosco. Hal ini berarti nampak tidak ada hubungan antara kemampuan memahami isi bacaan dengan kemampuan memodelkan soal cerita matematika siswa SMP Joannes Bosco Kelas VII B.

Kata Kunci : Memahami Isi Bacaan, Memodelkan soal cerita

## ABSTRACT

**Cinhyia Christine Natallia.** 2014. *The Relation Between the Ability of Understanding the Reading Content and the Ability of Modelling the Mathematic Narrative Test Item in the Students of VII B Joannes Bosco Junior High School Yogyakarta.* Undergraduate Thesis. Mathematic Education Study Program, Department of Mathematic and Science Education, Faculty of Teachers Training and Education, Sanata Dharma University, Yogyakarta.

The purpose of this research to know: 1) The ability of understanding the reading content that the students of VII B Joannes Bosco Junior High School possessed; 2) The ability of modelling the mathematic test item in the form of narrative text that the students of VII B Joannes Bosco Junior High School possessed; and 3) The existence of relationship between the ability of understanding the reading content and the ability of modelling the narrative text item in the students of VII B Joannes Bosco Junior High School Yogyakarta.

The research is performed in the class of VII B Joannes Bosco Junior High School Yogyakarta from April to May 2014. The research is a descriptive one by means of quantitative approach. The data in the research is analyzed by implementing the qualitative and quantitative approach. The instrument that the researcher applies is a two-type research instrument.

The results of the research show that: 1) The ability of understanding the reading content that the students of VII B Joannes Bosco Junior High School is still low. This case can be seen from the avarage of the result in understanding the reading content is 42,40. 2) The ability of modelling the mathematic narrative test item that the students of VII B Joannes Bosco Junior High School is still low. It can be found in the result of the avarage of the modelling the mathematic narrative test item is only 35, 63. The result of the interview shows that one of some factor which causes the result of the ability of modeling the mathematic narrative test item the students in VII B Joannes Bosco Junior High School still low because the students are lack of gaining the exercise to practice modelling test, and 3) Based on the description of the relationship provided in the Scatter Diagram between the two variables, the researcher finds that the calculation of correlation coefficient equal to 0.00715 and is insignificant at 0.05 because  $r_{\text{count}} < r_{\text{table}}$ , even the interpretation of  $r$ -value the researcher may state that that both of the variables do not correlate to the research subjects in the students of VII B Joannes Bosco Junior High School. This point means that there is no relation between the ability of understanding the content material and the ability of modelling the narrative test item that the students of VII B Joannes Bosco Junior High School have.

Keyword: Understanding the reading content, modelling the narrative test item