

**ABSTRAK**

**Kusumaningrum, Betty. 2013. *Hubungan Keaktifan Siswa dalam Bertanya dengan Kemampuan Menyelesaikan Masalah Matematika Kelas VIII Semester II pada Pokok Bahasan Lingkaran Tahun Pelajaran 2012/2013*. Skripsi. Yogyakarta : Program Studi Pendidikan Matematika, Jurusan Pendidikan Matematika dan Ilmu Pengetahuan Alam, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Sanata Dharma.**

Penelitian ini merupakan penelitian deskriptif kualitatif yang bertujuan untuk mengetahui hubungan keaktifan siswa dalam bertanya dengan kemampuan menyelesaikan masalah matematika pada pokok bahasan lingkaran. Subyek penelitian sebanyak 6 orang siswa SMP kelas VIII yang berasal dari berbagai macam sekolah. Data yang diperoleh yaitu frekuensi keaktifan siswa dalam bertanya dan cara berpikir siswa dalam menyelesaikan masalah matematika beserta dengan hasil wawancaranya.

Teknik pengumpulan data dilakukan dengan pengamatan dan wawancara pada saat subyek menyelesaikan masalah matematika serta mengumpulkan lembar jawaban subyek. Masalah yang diberikan sebanyak 3 butir yang berkaitan dengan lingkaran untuk siswa SMP kelas VIII semester II pokok bahasan lingkaran tahun pelajaran 2012/2013.

Hasil penelitian ini menunjukkan bahwa siswa yang aktif bertanya mampu menyelesaikan masalah matematika dengan baik, siswa yang kurang aktif bertanya, kurang dapat mengerahkan kemampuannya untuk menyelesaikan masalah matematika, dan siswa yang tidak aktif bertanya perlu mendapat pendampingan dalam menyelesaikan masalah matematika.

**Kata kunci** : *keaktifan bertanya, kemampuan menyelesaikan masalah matematika, dan lingkaran.*

**ABSTRACT**

**Kusumaningrum, Betty. 2013. *The Relationship between Activeness Students in Asking Questions and The Ability to Solve Mathematical Problems of Circle Subject in the Second Semester of VIII Grader Students Academic Year 2013/2014*. Thesis. Yogyakarta : Mathematics Education Study Program, Department of Mathematics Education and Natural Science, Faculty of Teachers Training and Education, Sanata Dharma University.**

This research was qualitative descriptive. It aimed to find out the relationship between the activeness of the students in asking questions and the ability to solve mathematical problem of circle subject. The subjects of the research were six eight grader students from various schools. In this research, the data obtained were the level of students' activeness in asking questions and how students thought to solve the mathematical problems and also the result of the interview.

The data obtained through observation and interview while the subjects were solving the mathematical problems and also collecting the answer sheets. The writer gave three problems which were related to circle subject in the second semester of VIII grader students academic year 2013/2014.

The result of the research was the students which had a high level of activeness in asking questions had a good ability to understand the problem, make a planning, carry out a planning, and revise a planning. The students which had a medium level of activeness in asking questions had a good competence in understanding the problem; however had a low ability to make a planning, carry out a planning, and revise a planning. The students which had a low level of activeness in asking questions had a low ability to understand the problem, make a planning, carry out a planning, and revise a planning.

**Keywords :** *active students, the ability to solve mathematical problems and circle.*