

## ABSTRAK

**YETI NOVITASARI.2016.Perbandingan Kemampuan Pemecahan Masalah Matematik Peserta Didik Antara Yang Menggunakan Model *Problem Based Learning* (PBL) Dengan Model Pembelajaran *Creative Problem Solving* (CPS). (Penelitian terhadap Peserta Didik Kelas VII SMP Negeri 2 Rancah Tahun Pelajaran 2015/2016).** Program Studi Pendidikan Matematika Fakultas Keguruan dan Ilmu Pendidikan Universitas Siliwangi Tasikmalaya.

Penelitian ini bertujuan untuk mengetahui kemampuan pemecahan masalah matematik peserta didik yang lebih baik antara yang menggunakan model *Problem Based Learning* (PBL) dengan *Creative Problem Solving* (CPS) serta untuk mengetahui kemandirian belajar peserta didik selama proses pembelajaran matematika dengan menggunakan model PBL dan CPS. Metode yang digunakan pada penelitian ini adalah metode eksperimen. Populasi dalam penelitian ini adalah seluruh peserta didik kelas VII SMP Negeri 2 Rancah, sedangkan sampel penelitian sebanyak dua kelas yang dipilih secara acak kelas. Instrumen penelitian yang digunakan adalah soal tes pemecahan masalah matematik dan angket kemandirian belajar. Teknik analisis data menggunakan uji perbedaan dua rata-rata. dan untuk kemandirian belajar peserta didik analisis data dengan menggunakan rating yang dijumlahkan. Berdasarkan analisis data menunjukkan bahwa kemampuan pemecahan masalah matematik peserta didik yang pembelajarannya menggunakan PBL lebih baik dari pada yang menggunakan CPS. Kemandirian belajar peserta didik selama proses pembelajaran matematika menggunakan model PBL termasuk pada kriteria tinggi sedangkan yang menggunakan model pembelajaran CPS termasuk pada kriteria sedang.

Kata kunci: Model *Problem Based Learning*(PBL), Model pembelajaran *Creative Problem Solving* (CPS),Kemampuan pemecahan masalah matematik, Kemandirian belajar.

**THE COMPARISON OF STUDENTS' ABILITY AMONG  
MATHEMATICAL COMMUNICATION PROBLEM BASED LEARNING  
(PBL) MODEL AND Creative Problem Solving (CPS)**

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**ABSTRACT**

The aims of this research is to know about the students mathematical problem solving ability are better by used problem based learning and creative problem solving learning model and to know about the self-regulated learning by using problem based learning and creative problem solving learning model. This research used experimental method with population is all of students of class VII SMP Negeri 2 Rancah school year 2015/2016 and samples in this research are included two classes randomly selected from the population. Data collection techniques is carrying out the mathematical problem solving ability test to measured students mathematical problem solving ability and distributed questionnaires of self-regulated learning to know students self-regulated learning during used problem based learning and creative problem solving learning model. The research instrument that used is a mathematical problem solving ability tests and questionnaires of self-regulated learning. The analysis technique of data that used is different test two average. Based on the research and results of data analysis showed that the students mathematical problem solving ability whose used problem based learning model is better than using creative problem solving learning model. The mathematic self-regulated learning by using problem based learning model is including on the high criteria whereas by using creative problem solving learning model including on the medium criteria.

Keywords : Problem based learning model, creative problem solving learning model, mathematical problem solving ability, and self-regulated learning