

## ABSTRAK

Ulhaq, Moch. Ziah. 2019. Pengaruh Model Pembelajaran Problem Based Learning (PBL) terhadap Hasil Belajar dan Kreativitas Siswa materi Himpunan kelas VII MTs. Muhammadiyah 1 Taman.. Program Studi Pendidikan Matematika. Fakultas Keguruan dan Ilmu Pendidikan. Universitas PGRI Adi Buana Surabaya. Pembimbing: Nur Fathonah, S.Pd.,M.Pd. dan Sari Cahyaningtias, S.Si.,M.Si.

Kata Kunci: Model Pembelajaran Problem Based Learning, Hasil Belajar, Kreativitas Siswa.

Penelitian ini dilatar belakangi oleh rendahnya hasil belajar siswa dan kurangnya kreativitas siswa dalam mengerjakan soal-soal matematika. Penelitian ini bertujuan untuk mengetahui pengaruh model pembelajaran *Problem Based Learning* (PBL) terhadap hasil belajar dan untuk mengetahui pengaruh model pembelajaran *Problem Based Learning* (PBL) dan kreativitas terhadap hasil belajar siswa.

Dalam Penelitian ini, menggunakan penelitian eksperimen dengan rancangan berbentuk *Randomized Control-Posttest Design* Populasi dari penelitian ini adalah seluruh siswa kelas VII Mts. Muhammadiyah 1 Taman. Sedangkan sampel dari penelitian ini adalah kelas VII Reg B sebagai kelas eksperimen dengan jumlah 24 siswa dan kelas VII Reg A sebagai kelas kontrol dengan jumlah 26 siswa.

Hasil analisis kelompok dengan treatment sebesar 82,3 dan kelompok tanpa treatment sebesar 76,93 sedangkan untuk nilai rata-rata kreativitas matematika siswa kelompok dengan treatment sebesar 31,8333 dan kelompok tanpa treatment sebesar 29,2692. Sehingga disimpulkan ada pengaruh model pembelajaran *Problem Based Learning* (PBL) terhadap hasil belajar dan kreativitas matematika siswa, khususnya pada materi himpunan.

## ABSTRACT

Ulhaq, Moch. Ziah. 2019. *The Influence of Problem Based Learning (PBL) Learning Model on Student Learning Outcomes and Creativity Material of class VII MTs. Muhammadiyah 1 Taman .. Mathematics Education Study Program. Faculty of Teacher Training and Education. University of PGRI Adi Buana Surabaya. Advisor: Nur Fathonah, S.Pd., M.Pd. and Sari Cahyaningtias, S.Si., M.Sc.*

*Keywords: Problem Based Learning Learning Model, Learning Outcomes, Student Creativity.*

This research is motivated by the low student learning outcomes and the lack of students' creativity in working on math problems.

This study aims to determine the effect of Problem Based Learning (PBL) learning models on learning outcomes and to determine the effect of Problem Based Learning (PBL) learning models and creativity on student learning outcomes.

In this study, using experimental research with a design in the form of Randomized Control-Posttest Design The population of this study were all students of class VII Mts. Muhammadiyah 1 Taman. While the sample from this study is class VII Reg B as an experimental class with a total of 24 students and class VII Reg A as a control class with a total of 26 students.

The averages are value the group with treatment of mathematics learning outcomes are 82.3 and group without the treatment is 76.93, while for the average mathematical creativity value the group with treatment students is 31.8333 and the group without treatment is 29.2692. The results of this study are that there is the influence of the Problem Based Learning (PBL) learning model on student learning outcomes and mathematical creativity, especially in set material.