

SARI

Kurniawan, Deni. 2016. Pengaruh *Mathematics Self Efficacy* Pada Pembelajaran *Team Assisted Individually* Berbantuan Lembar Kegiatan Siswa Terhadap Kemampuan Pemecahan Masalah. Program Studi Pendidikan Matematika, Fakultas Keguruan dan Ilmu Pendidikan Universitas Islam Sultan Agung. Pembimbing I. Mochamad Abdul Basir, M.Pd. Pembimbing II. Hevy Risqi Maharani, M.Pd.

Kata Kunci : *Mathematics Self Efficacy*, *Team Assisted Individually*, LKS, Kemampuan Pemecahan Masalah.

Pemecahan masalah matematika merupakan hal yang penting dalam pembelajaran matematika. Kenyataannya, masih banyak siswa yang tidak menyukai matematika. Hal tersebut disebabkan antara lain karena kesulitan memahami matematika. Salah satu materi matematika yang dianggap sulit ialah segiempat. Kesulitan tersebut berdampak pada hasil belajar siswa. Hasil belajar siswa dapat optimal apabila siswa yakin pada kemampuannya (*self efficacy*).

Penelitian ini bertujuan untuk mengetahui: (1) Apakah *mathematics self efficacy* pada model pembelajaran kooperatif *Team Assisted Individually* berbantuan LKS berpengaruh terhadap kemampuan pemecahan masalah. (2) Bagaimanakah pengaruh positif *mathematics self efficacy* terhadap kemampuan pemecahan masalah. Penelitian ini adalah penelitian Kuantitatif dengan metode korelasi dan teknik analisis satu prediktor.

Populasi dalam penelitian ini adalah siswa kelas VII SMP Islam Sultan Agung 4 Semarang tahun ajaran 2015/2016. Pemilihan sampel penelitian ini menggunakan teknik *purposive sampling*. Sampel penelitian ini yaitu kelas VII A3 sebagai kelas eksperimen, kelas VII A1 dan VII A2 sebagai kelas uji coba. Metode pengumpulan data yaitu metode dokumentasi, Metode Skala Bertingkat (*Rating Scale*), dan metode tes. Pengujian data meliputi uji sampel, uji instrumen tes dan uji hipotesis penelitian. Dalam pengujian hipotesis, peneliti menggunakan uji regresi linear sederhana.

Kesimpulan hasil penelitian menunjukkan bahwa: (1) Nilai *mathematics self efficacy* pada pembelajaran *Team Assisted Individually* berbantuan LKS berpengaruh terhadap kemampuan pemecahan masalah matematika siswa yaitu sebesar 55,1% dan dapat disajikan dalam model persamaan regresi $\hat{Y} = 16.911 + 0,890 x$. (2) *Mathematics self efficacy* mempunyai pengaruh positif yang cukup besar terhadap kemampuan pemecahan masalah.

ABSTRACT

Kurniawan, Deni. 2016. *The Effect of Mathematics Self Efficacy At Individually Assisted Learning Team Activity Sheet Students Against Assisted Towards Problem Solving Ability Students. Study Program Of Mathematics Education, The Faculty of Teacher Training and Education Sultan Agung Islamic University. Supervisor I. Mochamad Abdul Basir, M.Pd. Supervisor II. Hevy Risqi Maharani, M.Pd.*

Keywords: *Mathematics Self Efficacy, Team Assisted Individually, LKS, Problem Solving Ability.*

Mathematics problem solving was an important thing in mathematics learning. In fact, there are many students don't like mathematics a large number of students who do not like mathematics was presumed because of a difficulty in understanding mathematics. One topic in mathematics which was considered as a difficult topic was rectangle. Students' opinion that mathematics was difficult may affect to the students' achievements (self efficacy).

The purpose of this research to know: (1) Do mathematics self efficacy on cooperative learning model Team Assisted Individually assisted LKS affect the ability of problem solving ability; and (2) How positive effect matematics self efficacy towards problem solving ability.

This research was a quantitative method of correlation and analysis techniques of the predictors. The population in this study were students of of 7th grade SMP Islam Sultan Agung 4 Semarang academic year 2015/2016. This research use purposive sampling to choose sample. The samples of this research was class VII A3 as the experimental class, the class VII A1 and A2 as a class test. The data collected using documentation method, Rating Scale, and test method. Testing data include sample test, instruments test, and test research hypotheses. The researcher used simple linear regression test to testing the hypothesis.

The results of this research showed that: (1) The value of self-efficacy in mathematics learning Team Assisted Individually aided LKS affect the ability of students' mathematical problem solving that was equal to 55.1 % and can be served in the regression model $\hat{Y} = 16.911 + 0,890 x$. (2) Mathematics self efficacy has a positive effect substantially to the problem solving ability.