

ABSTRACT

KHUSNUL MAROM The effect of Creative Problem Solving's Learning Model Implementation to Stimulate Student Mathematics Communication of Words Problem Solving Ability at Eight Grade of Private Junior High School (Accreditation A) in Pulogadung Regency, East Jakarta. Undergraduate Thesis. Jakarta: Mathematics education study program, Science and Mathematics Faculty, Universitas Negeri Jakarta. 2013.

The purpose of this research is to know about The effect of Creative Problem Solving's learning model Implementation to stimulate students mathematics communication of words problem solving ability at eight grade of private junior high school (Accreditation A) in Pulogadung Regency, East Jakarta . This research taken a place in SMP Al Hikmah and SMP Kartini 3 at July-August 2017. Research method is *quasi experiment*. Sample technique is *simpel random sampling* technique with experiment class (Creative Problem Solving model) and control class (convensional class) from randomized class.

Data analysis technique is t-test with preliminary analysis normality test of *Kolmogorov Smirnov* and homogeneity test of Fischer test. First hypothesis is to examine the improvement of communication mathematics ability as a result of effect of Creative Problem Solving model in experiment class. Examination result in SMP Al Hikmah shown that $t_{count} = 5,309$ and $t_{table} = 1,691$. Examination result in SMP Kartini 3 shown that $t_{count} = 1,962$ and $t_{table} = 1,692$. Both results shown that the value of $t_{count} > t_{table}$ so H_0 rejected at significance level 5%. Second Hypothesis is to examine which class that has greater improvement between experiment and control class. Examination result in SMP Al Hikmah Shown that $D_{count} = 1,645$ and $D_{table} = 0,328$. Examination result in SMP Kartini 3 shown that $t_{count} = 1,962$ and $t_{table} = 1,692$. Both results shown that the value of $D_{count} > D_{table}$ and $t_{count} > t_{table}$ so H_0 rejected at significance level 5%.

Hypothesis Examination results in both schools give conclusion that there is a effect of Creative Problem Solving's Learning Model to stimulate students mathematics communication of words problem solving ability at eight grade of private junior high school (Accreditation A) in Pulogadung Regency, East Jakarta.

Keywords: Creative Problem Solving's Learning Model, Mathematics Communication, Word Problem Solving Ability