

**PENGARUH MODEL *PROBLEM BASED LEARNING* TERHADAP
KEMAMPUAN MENYELESAIKAN SOAL CERITA MATEMATIKA
SISWA KELAS IV SEKOLAH DASAR**

SITI FATIMAH

15416286206003

ABSTRAK

Penelitian ini bertujuan untuk mengetahui perbedaan pengaruh model *problem based learning* dengan yang tidak menggunakan model *problem based learning* terhadap kemampuan menyelesaikan soal cerita matematika siswa kelas IV SD Negeri Adiarsa Barat II Tahun ajaran 2018/2019. Penelitian ini merupakan penelitian kuantitatif dengan jenis penelitian eksperimen semu. Populasi dalam penelitian ini adalah seluruh siswa kelas IV yang berjumlah 60 siswa. Dengan sampel yang digunakan dalam penelitian ini berjumlah 30 siswa. Teknik pengumpulan data menggunakan tes kemampuan menyelesaikan soal cerita matematika berbentuk soal essay. Teknik analisis data dalam pengujian hipotesis menggunakan statistik korelasi *product moment*. Hasil dari uji validitas soal tes kemampuan menyelesaikan soal cerita matematika dari 10 butir instrumen semua dinyatakan valid. Hasil uji reliabilitas diperoleh r_{11} sebesar 0,843. Hasil penelitian dengan pengujian hipotesis, dengan uji *t-sig* (2 tailed) diperoleh $0,037 < 0,05$ dengan harga $t_{hitung} 2,140 > t_{tabel} 1,699$ maka H_0 ditolak, maka menunjukkan adanya perbedaan terhadap kemampuan menyelesaikan soal cerita matematika. Hasil penelitian ini disimpulkan bahwa adanya perbedaan pengaruh model *Problem Based Learning* terhadap kemampuan menyelesaikan soal cerita matematika kelas IV SD Negeri Adiarsa Barat II Tahun ajaran 2018/2019.

Kata kunci: Matematika, Kemampuan menyelesaikan soal cerita, *Problem Based Learning*.

**THE INFLUENCE OF PROBLEM BASED LEARNING MODEL ON THE
ABILITY TO COMPLETE MATH ACCOUNT QUESTIONS OF FOURTH
GRADE ELEMENTARY SCHOOL LEARNERS**

SITI FATIMAH

15416286206003

ABSTRACT

The research aims to determine the difference between the influence of the problem based learning model and those who do not use the problem based learning model on the ability to solve math account questions for fourth grade learners of West Adiarsa II State Elementary School in 2018/2019 academic year. This research is a quantitative research with quasi experimental research type. The population were all fourth grade learners, totalling to 60 learners in this research. With the sample used in this research, there were 30 learners. Data collection techniques used the ability to solve math questions in the essay questions form. Data analysis techniques used product moment correlation statistics in hypothesis test. The results of the validity test of the ability tests to solve math account questions from 10 items, all over declared valid. The reliability test results obtained r_{11} finished 0.843. The results of the research by testing the hypothesis, with the t -sig test (2 tailed) obtained $0.037 < 0.05$ with a t count of $2.140 > t$ table 1.699 then H_0 is rejected, then it shows a difference in the ability to solve mathematical story problems. The results of this study concluded that there was a difference in the influence of the Problem Based Learning model on the ability to solve math account questions in fourth grade State Elementary School West Adiarsa II in the 2018/2019 academic year.

Keywords: Math, Ability to solve account questions, Problem Based Learning.