

ABSTRACT

THE DIFFERENCES OF MATHEMATICS ACHIEVEMENT BY USING THE DIFFERENCE MEDIA AND INITIAL ABILITY AT XI GRADE STUDENTS OF SENIOR HIGH SCHOOL 5 BANDAR LAMPUNG

by

Husnul Khotimah

The research purpose is to know : 1) The interaction between media and initial ability toward students achievement, 2) The difference average students improvement achievement by using card to the students who learnt by using LKS, 3) The difference students improvement achievement who learnt by card to the students use LKS for high initial ability students and 4) The difference students improvement achievement who learnt by using card to the students use LKS for low initial ability students.

The research population are XI grade students of Senior High School 5 Bandar Lampung, the sample of this research are XI science 1 grade students as a control class was treated by LKS and XI Science 2 grade students as a experiment class was treated by card. The data collection was conducted by test. The data analysis used two-way analysis of variance.

The research results showed that : 1) There was an interaction between media and initial ability toward students' achievement, 2) There was a difference average of students' improvement achievement by using card is 0.578 whereas by using LKS they got the increasing of 0.409 3) There was a difference students' improvement achievement who learnt by using card to the students use LKS for high initial ability students, the students' average increasing by using card is 0.785, whereas the students using LKS they got the increasing of 0.561 and 4) There was a difference students' improvement achievement who learnt by using card to the students use LKS for low initial ability students, the students' average of increasing by using card is 0.370 whereas by using LKS they got the increasing of 0.257

Key words : Media, Trigonometri Card, Initial Ability, Achievement