

Werayut Jamjang 2010: The Study of Mathematics Learning Achievement of Mathayomsuksa Three Students on “Polynomial Fraction” by Selected Teaching Strategies at Bangkaewprachasun School, Changwat Samut Prakan. Master of Education (Teaching Mathematics), Major Field: Teaching Mathematics, Department of Education. Thesis Advisor: Associate Professor Siriporn Thipkong, Ed.D. 188 pages.

The purpose of this research was to study mathematics learning achievement of mathayomsuksa three students on “Polynomial Fraction” by selected teaching strategies at Bangkaewprachasun School, Changwat Samut Prakan.

The sample group was 39 mathayomsuksa three students at Bangkaewprachasun School in the second semester of the academic year 2009 that was selected by cluster random sampling from 4 classrooms. The instruments in data collection consisted of 11 lesson plans on “Polynomial Fraction”, the mathematics learning achievement test on “Polynomial Fraction”. The data were analyzed by match paired t-test and t-test.

The research result related that the mathematics learning achievement of mathayomsuksa three students on “Polynomial Fraction” by selected teaching strategies after learning was higher than before learning at the .05 level of significance and the mathematics learning achievement after learning was higher than 60% at the .05 level of significance.

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Thesis Advisor’s signature