

Jirawan Thepjinda 2008: A Study of Mathematics Learning Achievement on "Pythagorean Theorem" by Using Multi-media of Mathayomsuksa Two Students at Watkaosrivichai School, Changwat Surat Thani. Master of Arts in Teaching, Major Field: Teaching Mathematics, Department of Education. Thesis Advisor: Associate Professor Siriporn Thipkong, Ed.D. 171 pages.

The purpose of this research was to study of Mathematics Learning Achievement on "Pythagorean Theorem" by using Multi-media of mathayomsuksa two students at Watkaosrivichai School, Changwat Surat Thani

The sample was thirty mathayomsuksa two students at Watkaosrivichai School, Changwat Surat Thani in the second semester of the academic year 2007. The sample group was selected by cluster random sampling from two classrooms and learned by multi-media. The research instruments were 15 lesson plans and mathematics learning achievement test which 15 items with four multiple choice and two essay items. The data were analyzed by match-paired t-test and t-test.

The result showed that the mathematics learning achievement of student on "Pythagorean Theorem" by using Multi-media after learning was higher than before learning at the 0.01 level of significance and was higher than 60% at the 0.01 level of significance.

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Thesis Advisor's signature