

TABLE LIST

	Page	
Table 2.1	Mathematical Representation Indicators	13
Table 2.2	Implementation Steps of Cooperative learning	17
Table 2.3	Implementation Steps Think-Pair-Share	19
Table 2.4	Score Calculation development	22
Table 2.5	Award level group	22
Table 2.6	Implementation Steps of Cooperative Learning STAD Type	23
Table.2.7	Comparison of Cooperative Learning TPS with STAD Types	25
Table 3.1	Research design of randomized control group only	29
Table 3.2	Blueprint of Mathematical Representation ability Problem	32
Table 3.3	The rubric of mathematical representation ability problem	33
Table 4.1	Data Pre-test	37
Table 4.2	Data Post-test	38
Table 4.3	Normality Test data result	38
Table 4.4	Homogeneity Test data result (manually)	39
Table 4.5	Hypothesis Test data result (manually)	39