

**Mathematics 6-12 Competencies
2014-2015 Academic Year**

Test	Competency Name	# of Takers FIU	% Correct FIU	# of Takers - State	% Correct - State
Mathematics 6-12	01 (9-10) Knowledge of algebra	7	80.6	1158	72.7
Mathematics 6-12	02 (9-10) Knowledge of advanced algebra	7	82.9	1158	73.8
Mathematics 6-12	03 (6) Knowledge of functions	7	85.7	1158	68.9
Mathematics 6-12	04 (11) Knowledge of geometry	7	58.4	1158	65.9
Mathematics 6-12	05 (4) Knowledge of coordinate geometry	7	82.1	1158	65.9
Mathematics 6-12	06 (5) Knowledge of trigonometry	7	62.9	1158	60.2
Mathematics 6-12	07 (7-8) Knowledge of statistics and probability	7	67.3	1158	63.5
Mathematics 6-12	08 (7-8) Knowledge of calculus	7	69.6	1158	57.1
Mathematics 6-12	09 (4) Knowledge of mathematical reasoning	7	64.3	1158	59.5
Mathematics 6-12	10 (10-11) Knowledge of instruction and assessment	7	68.6	1158	66.6