

**Mathematics 6-12 Competencies  
2012-2013 Academic Year**

Test	Competency Name	# of Takers - FIU	Competency Score - FIU	# of Takers - State
Mathematics 6-12 (10/07-Present)	01 (10-14) Knowledge of algebra	9	75%	1378
Mathematics 6-12 (10/07-Present)	02 (5-10) Knowledge of functions	9	81%	1378
Mathematics 6-12 (10/07-Present)	03 (6-10) Knowledge of geometry from a synthetic perspective	9	65%	1378
Mathematics 6-12 (10/07-Present)	04 (4-11) Knowledge of geometry from an algebraic perspective	9	78%	1378
Mathematics 6-12 (10/07-Present)	05 (4-5) Knowledge of trigonometry	9	69%	1378
Mathematics 6-12 (10/07-Present)	06 (3-5) Knowledge of statistics	9	78%	1378
Mathematics 6-12 (10/07-Present)	07 (4-7) Knowledge of probability	9	71%	1378
Mathematics 6-12 (10/07-Present)	08 (3-8) Knowledge of discrete mathematics	9	81%	1378
Mathematics 6-12 (10/07-Present)	09 (2-5) Knowledge of calculus	9	69%	1378
Mathematics 6-12 (10/07-Present)	10 (3-10) Knowledge of number sense and mathematical structure	9	70%	1378
Mathematics 6-12 (10/07-Present)	11 (2) Knowledge of mathematics as communication	9	89%	1378
Mathematics 6-12 (10/07-Present)	12 (3) Knowledge of mathematics as reasoning	9	56%	1378
Mathematics 6-12 (10/07-Present)	13 (1-2) Knowledge of mathematical connections	9	67%	1378
Mathematics 6-12 (10/07-Present)	14 (4-5) Knowledge of instruction	9	79%	1378
Mathematics 6-12 (10/07-Present)	15 (4-5) Knowledge of assessment	9	79%	1378

Competency Score - State
74%
69%
64%
70%
63%
83%
65%
68%
63%
70%
75%
67%
63%
71%
79%