

**Mathematics 6-12**  
**2009-2010 Academic Year**

Test	Competency Name	# of Takers FIU	Competency Score FIU	# of Takers - State
Mathematics 6-12 (10/07-Present)	01 (13-14) Knowledge of algebra	6	76%	221
Mathematics 6-12 (10/07-Present)	02 (6) Knowledge of functions	6	56%	221
Mathematics 6-12 (10/07-Present)	03 (10) Knowledge of geometry from a synthetic perspective	6	65%	221
Mathematics 6-12 (10/07-Present)	04 (5) Knowledge of geometry from an algebraic perspective	6	73%	221
Mathematics 6-12 (10/07-Present)	05 (4-5) Knowledge of trigonometry	6	59%	221
Mathematics 6-12 (10/07-Present)	06 (4-5) Knowledge of statistics	6	79%	221
Mathematics 6-12 (10/07-Present)	07 (4-5) Knowledge of probability	6	70%	221
Mathematics 6-12 (10/07-Present)	08 (4) Knowledge of discrete mathematics	6	79%	221
Mathematics 6-12 (10/07-Present)	09 (2-5) Knowledge of calculus	6	56%	221
Mathematics 6-12 (10/07-Present)	10 (4) Knowledge of number sense and mathematical structure	6	50%	221
Mathematics 6-12 (10/07-Present)	11 (2) Knowledge of mathematics as communication	6	75%	221
Mathematics 6-12 (10/07-Present)	12 (3) Knowledge of mathematics as reasoning	6	78%	221
Mathematics 6-12 (10/07-Present)	13 (1-2) Knowledge of mathematical connections	6	73%	221
Mathematics 6-12 (10/07-Present)	14 (4-5) Knowledge of instruction	6	80%	221
Mathematics 6-12 (10/07-Present)	15 (4-5) Knowledge of assessment	6	83%	221

Competency Score - State
78%
72%
64%
69%
59%
81%
70%
68%
59%
68%
79%
69%
66%
80%
82%