

**Mathematics 6-12 Competencies  
2010-2011 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	8	78%	241
Mathematics 6-12 (10/07-Present)	02 (6) Knowledge of functions	8	77%	241
Mathematics 6-12 (10/07-Present)	03 (10) Knowledge of geometry from a synthetic perspective	8	54%	241
Mathematics 6-12 (10/07-Present)	04 (5) Knowledge of geometry from an algebraic perspective	8	75%	241
Mathematics 6-12 (10/07-Present)	05 (4-5) Knowledge of trigonometry	8	70%	241
Mathematics 6-12 (10/07-Present)	06 (4-5) Knowledge of statistics	8	80%	241
Mathematics 6-12 (10/07-Present)	07 (4-5) Knowledge of probability	8	78%	241
Mathematics 6-12 (10/07-Present)	08 (4) Knowledge of discrete mathematics	8	78%	241
Mathematics 6-12 (10/07-Present)	09 (2-5) Knowledge of calculus	8	75%	241
Mathematics 6-12 (10/07-Present)	10 (4) Knowledge of number sense and mathematical structure	8	78%	241
Mathematics 6-12 (10/07-Present)	11 (2) Knowledge of mathematics as communication	8	63%	241
Mathematics 6-12 (10/07-Present)	12 (3) Knowledge of mathematics as reasoning	8	63%	241
Mathematics 6-12 (10/07-Present)	13 (1-2) Knowledge of mathematical connections	8	63%	241
Mathematics 6-12 (10/07-Present)	14 (4-5) Knowledge of instruction	8	68%	241
Mathematics 6-12 (10/07-Present)	15 (4-5) Knowledge of assessment	8	93%	241

Competency Score - State
79%
76%
63%
72%
69%
81%
71%
73%
68%
71%
82%
72%
66%
79%
85%