

**Mathematics 6-12 Competencies
2013-2014 Academic Year**

Test	Competency Name	# of Takers - Inst.	Competency Score - Inst.	# of Takers - State	Competency Score - State
Mathematics 6-12 (10/07-06/13)	01 (12-14) Knowledge of algebra	3	92%	326	68%
Mathematics 6-12 (10/07-06/13)	02 (5-6) Knowledge of functions	3	87%	326	71%
Mathematics 6-12 (10/07-06/13)	03 (8-10) Knowledge of geometry from a synthetic perspective	3	76%	326	62%
Mathematics 6-12 (10/07-06/13)	04 (4-5) Knowledge of geometry from an algebraic perspective	3	100%	326	70%
Mathematics 6-12 (10/07-06/13)	05 (4-5) Knowledge of trigonometry	3	92%	326	67%
Mathematics 6-12 (10/07-06/13)	06 (3-5) Knowledge of statistics	3	92%	326	85%
Mathematics 6-12 (10/07-06/13)	07 (4-5) Knowledge of probability	3	58%	326	62%
Mathematics 6-12 (10/07-06/13)	08 (3-4) Knowledge of discrete mathematics	3	92%	326	69%
Mathematics 6-12 (10/07-06/13)	09 (2-5) Knowledge of calculus	3	75%	326	55%
Mathematics 6-12 (10/07-06/13)	10 (3-4) Knowledge of number sense and mathematical structure	3	91%	326	75%
Mathematics 6-12 (10/07-06/13)	11 (2) Knowledge of mathematics as communication	3	83%	326	79%
Mathematics 6-12 (10/07-06/13)	12 (3) Knowledge of mathematics as reasoning	3	100%	326	60%
Mathematics 6-12 (10/07-06/13)	13 (1-2) Knowledge of mathematical connections	3	50%	326	57%
Mathematics 6-12 (10/07-06/13)	14 (4-5) Knowledge of instruction	3	75%	326	63%
Mathematics 6-12 (10/07-06/13)	15 (4-5) Knowledge of assessment	3	92%	326	83%
Mathematics 6-12 (07/13-Present)	01 (9-10) Knowledge of algebra	5	86%	988	74%
Mathematics 6-12 (07/13-Present)	02 (9-10) Knowledge of advanced algebra	5	78%	988	72%
Mathematics 6-12 (07/13-Present)	03 (6) Knowledge of functions	5	70%	988	65%
Mathematics 6-12 (07/13-Present)	04 (11) Knowledge of geometry	5	64%	988	63%
Mathematics 6-12 (07/13-Present)	05 (4) Knowledge of coordinate geometry	5	85%	988	71%
Mathematics 6-12 (07/13-Present)	06 (5) Knowledge of trigonometry	5	56%	988	60%
Mathematics 6-12 (07/13-Present)	07 (7-8) Knowledge of statistics and probability	5	51%	988	62%
Mathematics 6-12 (07/13-Present)	08 (7-8) Knowledge of calculus	5	65%	988	57%
Mathematics 6-12 (07/13-Present)	09 (4) Knowledge of mathematical reasoning	5	35%	988	59%
Mathematics 6-12 (07/13-Present)	10 (10-11) Knowledge of instruction and assessment	5	62%	988	66%