



TAKS Cohort Report ARPHS

Subject: Mathematics Grade: 11 Language: English Administration: 2004 - 2006

Students Tested: 50

Grade 09

Grade 10

Grade 11

Objective	2004	2005	2006
Objective 1 - Describe functional relationships in a variety of ways.	14%	30%	52%
Objective 2 - Demonstrate an understanding of the properties and attributes of functions.	34%	16%	52%
Objective 3 - Demonstrate an understanding of linear functions.	24%	32%	46%
Objective 4 - Formulate and use linear equations and inequalities.	32%	36%	54%
Objective 5 - Demonstrate an understanding of quadratic and other nonlinear functions.	30%	36%	42%
Objective 6 - Demonstrate an understanding of geometric relationships and spatial reasoning.	72%	26%	38%
Objective 7 - Demonstrate an understanding of two- and three-dimensional representations of geometric relationships and shapes.	36%	46%	58%
Objective 8 - Demonstrate an understanding of the concepts and uses of measurement and similarity.	12%	24%	32%
Objective 9 - Demonstrate an understanding of percents, proportional relationships, probability, and statistics in application problems.	34%	26%	30%
Objective 10 - Demonstrate an understanding of the mathematical processes and tools used in problem solving.	26%	22%	20%
Testing Standard	1 SEM	Panel	Panel
% Met Standard	50%	38%	68%
Average Scale Score	2047	2059	2151

