



Item Analysis Summary - SAMPLE SCHOOL

DISTRICT: SAMPLE DISTRICT
RCDTS CODE: 123456789012345

GRADE: 03
TEST DATE: 03/11

MATHEMATICS

RESPONSE ANALYSIS (% CORRECT)

Results from Multiple-Choice Items	# of Items	Assessment Objective*	SCHOOL	DISTRICT	STATE
State Goal 6: Number Sense Standard 6A: Representations and Ordering	22 10 2 1 1 1 1 1 2 1	6.3.01 6.3.02 6.3.03 6.3.04 6.3.05 6.3.06 6.3.07 6.3.08			
Standards 6B, 6C: Computation, Operations, Estimation, and Properties	12 4 1 3 1 1 2	6.3.09 6.3.10 6.3.11 6.3.12 6.3.13 6.3.14			
Standard 6D: Ratios, Proportions, and Percents	0				
State Goal 7: Measurement Standards 7A, 7B, 7C: Units, Tools, Estimation, and Applications	13 13 2 3 2 1 2 1 2	7.3.01 7.3.02 7.3.03 7.3.04 7.3.05 7.3.06 7.3.07			
State Goal 8: Algebra Standard 8A: Representations, Patterns, and Expressions	6 3 2 1	8.3.01 8.3.02			
Standard 8B: Connections Using Tables, Graphs, and Symbols	0				
Standards 8C, 8D: Writing, Interpreting, and Solving Equations	3 1 1 1	8.3.03 8.3.04 8.3.05			

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*Assessment Objective descriptions are online at <http://www.isbe.net/assessment/IAFindex.htm>

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Results from Multiple-Choice Items (cont.)	# of Items	Assessment Objective*	SCHOOL	DISTRICT	STATE
State Goal 9: Geometry	14				
Standard 9A: Properties of Single Figures and Coordinate Geometry	10				
	1	9.3.01			
	2	9.3.02			
	2	9.3.03			
	2	9.3.04			
	2	9.3.05			
	1	9.3.06			
Standard 9B: Relationships Between and Among Multiple Figures	4				
	1	9.3.07			
	1	9.3.08			
	1	9.3.09			
	1	9.3.11			
Standard 9C: Justifications of Conjectures and Conclusions	0				
Standard 9D: Trigonometry	0				
State Goal 10: Data Analysis, Statistics, and Probability	10				
Standards 10A, 10B: Data Analysis and Statistics	7				
	4	10.3.01			
	2	10.3.02			
	1	10.3.03			
Standard 10C: Probability	3				
	2	10.3.04			
	1	10.3.05			



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MATHEMATICS

RESPONSE ANALYSIS (% AT EACH SCORE POINT)

Results from Short-Response Items			SCHOOL	DISTRICT	STATE
Score Range	Assessment Objective*				
Item 1 State Goal 10: Data Analysis, Statistics, and Probability Standard 10C: Probability Students are asked to use probability to write colors of balls that will be pulled out of a bag.	2 1 0	10.3.04			
Item 2 State Goal 8: Algebra Standards 8C, 8D: Writing, Interpreting, and Solving Equations Students are asked to determine the number of soccer games each child played and to show work.	2 1 0	8.3.05			
Results from Extended-Response Item			SCHOOL	DISTRICT	STATE
Score Range	Assessment Objective*				
State Goal 6: Number Sense Standards 6B, 6C: Computation, Operations, Estimation, and Properties Students are asked to solve a problem to determine the number of miles ridden to earn a certain amount of money.		6.3.10			
Mathematical Knowledge Knowledge of mathematical principles and concepts that result in a correct solution to a problem.	4 3 2 1 0				
Strategic Knowledge Identification of important problem elements and the use of models and/or algorithms to systematically represent and integrate concepts.	4 3 2 1 0				
Explanation Written explanation and rationales that translate into words the steps of the solution process and provide a justification for each step.	4 3 2 1 0				

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