



Item Analysis Summary - SAMPLE SCHOOL

DISTRICT: SAMPLE DISTRICT
RCDTS CODE: 123456789012345

GRADE: 03
TEST DATE: 03/12

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	23 10 1 1 1 1 1 2 1 2	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	13 2 1 4 1 2 3	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	7 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	4 2 1 1	8.3.03 8.3.04 8.3.05			

continued on next page

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

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PROCESS NO. 90000000-000000-ILLM312-0000-05161-2



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RESPONSE ANALYSIS (% CORRECT)

Results from Multiple-Choice Items (cont.)	# of Items	Assessment Objective*	SCHOOL	DISTRICT	STATE
State Goal 9: Geometry	13				
Standard 9A: Properties of Single Figures and Coordinate Geometry	9				
	1	9.3.02			
	3	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	9.3.09			
	1	9.3.10			
	1	9.3.11			
Standard 9C: Justifications of Conjectures and Conclusions	0				
Standard 9D: Trigonometry	0				
State Goal 10: Data Analysis, Statistics, and Probability	9				
Standards 10A, 10B: Data Analysis and Statistics	6				
	3	10.3.01			
	3	10.3.02			
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 9: Geometry Standard 9A: Properties of Single Figures and Coordinate Geometry Students are asked to draw a reflection of a figure and draw a translation of a figure.					
Item 2 State Goal 10: Data Analysis, Statistics, and Probability Standards 10A, 10B: Data Analysis and Statistics Students are asked to complete a tally chart to show the same information from a pictograph.					
Results from Extended-Response Item 4 = Highest Score; 0 = Lowest Score					
State Goal 7: Measurement Standards 7A, 7B, 7C: Units, Tools, Estimation, and Applications Students are asked to solve a problem involving the heights (and converting measurements) of four boys.					
Mathematical Knowledge Knowledge of mathematical principles and concepts that result in a correct solution to a problem.					
Strategic Knowledge Identification of important problem elements and the use of models and/or algorithms to systematically represent and integrate concepts.					
Explanation Written explanation and rationales that translate into words the steps of the solution process and provide a justification for each step.					

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