Item Analysis Summary - SAMPLE SCHOOL

Illinois Standards Achievement Test

DISTRICT: SAMPLE DISTRICT
RCDTS CODE: 123456789012345

GRADE: 06
TEST DATE: 03/12

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MATHEMATICS			RESPONSE ANALYSIS (% CORRECT)		
Results from Multiple-Choice Items	**# of Items**	**Assessment Objective***	**SCHOOL**	**DISTRICT**	**STATE**
State Goal 6: Number Sense	**17**				
Standard 6A: Representations and Ordering	**4**				
	1	6.6.05			
	1	6.6.08			
	1	6.6.10			
	1	6.6.11			
Standards 6B, 6C: Computation, Operations, Estimation, and Properties	**10**				
	2	6.6.12			
	1	6.6.13			
	1	6.6.14			
	2	6.6.15			
	2	6.6.16			
	2	6.6.17			
Standard 6D: Ratios, Proportions, and Percents	**3**				
	1	6.6.18			
	1	6.6.20			
	1	6.6.21			
State Goal 7: Measurement	**10**				
Standards 7A, 7B, 7C: Units, Tools, Estimation, and Applications	**10**				
	2	7.6.01			
	2	7.6.02			
	1	7.6.03			
	1	7.6.04			
	2	7.6.05			
	2	7.6.06			
State Goal 8: Algebra	**16**				
Standard 8A: Representations, Patterns, and Expressions	**6**				
	2	8.6.01			
	2	8.6.02			
	2	8.6.03			
Standard 8B: Connections Using Tables, Graphs, and Symbols	**5**				
	1	8.6.05			
	3	8.6.06			
	1	8.6.07			

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

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MATHEMATICS			RESPONSE ANALYSIS (% CORRECT)		
Results from Multiple-Choice Items (cont.)	**# of Items**	**Assessment Objective***	**SCHOOL**	**DISTRICT**	**STATE**
State Goal 8: Algebra (cont.)	**5**				
Standards 8C, 8D: Writing, Interpreting, and Solving Equations					
	1	8.6.08			
	1	8.6.09			
	3	8.6.10			
State Goal 9: Geometry	**13**				
Standard 9A: Properties of Single Figures and Coordinate Geometry	**7**				
	1	9.6.01			
	1	9.6.04			
	1	9.6.05			
	2	9.6.06			
	1	9.6.07			
	1	9.6.08			
Standard 9B: Relationships Between and Among Multiple Figures	**6**				
	2	9.6.09			
	1	9.6.10			
	1	9.6.11			
	2	9.6.12			
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**				
	2	10.6.01			
	2	10.6.02			
	2	10.6.04			
Standard 10C: Probability	**3**				
	2	10.6.05			
	1	10.6.06			

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MATHEMATICS			RESPONSE ANALYSIS (% AT EACH SCORE POINT)		
Results from Short-Response Items *2 = Completely correct response* *1 = Partially correct response* *0 = Incorrect or no response*	**Score Range**	**Assessment Objective***	**SCHOOL**	**DISTRICT**	**STATE**
Item 1 **State Goal 9: Geometry** Standard 9B: Relationships Between and Among Multiple Figures Students are asked to name one pair of corresponding angles and one pair of corresponding sides given two similar triangles.	2 1 0	9.6.12			
Item 2 **State Goal 8: Algebra** Standard 8B: Connections Using Tables, Graphs, and Symbols Students are asked to determine two different outputs given an input-output table.	2 1 0	8.6.04			
Results from Extended-Response Item *4 = Highest Score; 0 = Lowest Score*	**Score Range**	**Assessment Objective***	**SCHOOL**	**DISTRICT**	**STATE**
State Goal 10: Data Analysis, Statistics, and Probability Standards 10A, 10B: Data Analysis and Statistics Students are asked to solve a problem to determine a number of students given a bar graph and circle graph.		10.6.01			
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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