Illinois Standards Achievement Test

Item Analysis Summary - SAMPLE SCHOOL

MATHEMATICS			RESPONSE ANALYSIS (% CORRECT)		
Results from Multiple-Choice Items	**# of Items**	**Assessment Objective***	**SCHOOL**	**DISTRICT**	**STATE**
State Goal 6: Number Sense	**16**				
Standard 6A: Representations and Ordering	**4**				
	1	6.7.02			
	2	6.7.05			
	1	6.7.07			
Standards 6B, 6C: Computation, Operations, Estimation, and Properties	**9**				
	2	6.7.08			
	2	6.7.09			
	1	6.7.10			
	1	6.7.11			
	2	6.7.12			
	1	6.7.13			
Standard 6D: Ratios, Proportions, and Percents	**3**				
	1	6.7.14			
	1	6.7.15			
	1	6.7.17			
State Goal 7: Measurement	**10**				
Standards 7A, 7B, 7C: Units, Tools, Estimation, and Applications	**10**				
	1	7.7.02			
	3	7.7.03			
	2	7.7.04			
	2	7.7.05			
	2	7.7.06			
State Goal 8: Algebra	**17**				
Standard 8A: Representations, Patterns, and Expressions	**6**				
	1	8.7.01			
	1	8.7.02			
	1	8.7.03			
	1	8.7.04			
	2	8.7.05			
Standard 8B: Connections Using Tables, Graphs, and Symbols	**5**				
	1	8.7.06			
	1	8.7.07			
	1	8.7.08			
	2	8.7.09			

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

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Item Analysis Summary - SAMPLE SCHOOL

DISTRICT: SAMPLE DISTRICT
RCDTS CODE: 123456789012345

GRADE: 07
TEST DATE: 03/09

MATHEMATICS			RESPONSE ANALYSIS (% CORRECT)		
Results from Multiple-Choice Items (cont.)	**# of Items**	**Assessment Objective***	**SCHOOL**	**DISTRICT**	**STATE**
State Goal 8: Algebra (cont.)					
Standards 8C, 8D: Writing, Interpreting, and Solving Equations	**6**				
	3	8.7.10			
	2	8.7.11			
	1	8.7.12			
State Goal 9: Geometry	**12**				
Standard 9A: Properties of Single Figures and Coordinate Geometry	**7**				
	1	9.7.01			
	1	9.7.03			
	1	9.7.05			
	1	9.7.07			
	1	9.7.08			
	1	9.7.09			
	1	9.7.10			
Standard 9B: Relationships Between and Among Multiple Figures	**5**				
	2	9.7.11			
	1	9.7.13			
	2	9.7.15			
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	**5**				
	2	10.7.01			
	2	10.7.02			
	1	10.7.05			
Standard 10C: Probability	**4**				
	3	10.7.06			
	1	10.7.07			

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Item Analysis Summary - SAMPLE SCHOOL

Illinois Standards Achievement Test

DISTRICT: SAMPLE DISTRICT
RCDTS CODE: 123456789012345

GRADE: 07
TEST DATE: 03/09

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 10: Data Analysis, Statistics, and Probability** Standards 10A, 10B: Data Analysis and Statistics Students are asked to determine the mean (average) of a set of data and to show work.	2 1 0	10.7.05			
Item 2 **State Goal 7: Measurement** Standards 7A, 7B, 7C: Units, Tools, Estimation, and Applications Students are asked to use a centimeter ruler to find the perimeter of a polygon and to label the answer.	2 1 0	7.7.02			

Results from Extended-Response Item *4 = Highest Score; 0 = Lowest Score*	Score Range	Assessment Objective*	SCHOOL	DISTRICT	STATE
State Goal 6 : Number Sense Standards 6B, 6C: Computation, Operations, Estimation, and Properties Students are asked to determine the difference in cost of hamburger buns between Store A and Store B. Students are also asked to show work.		6.7.08			
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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