Item Analysis Summary - SAMPLE SCHOOL

Illinois Standards Achievement Test

MATHEMATICS			RESPONSE ANALYSIS (% CORRECT)		
Results from Multiple-Choice Items	**# of Items**	**Assessment Objective***	**SCHOOL**	**DISTRICT**	**STATE**
State Goal 6: Number Sense	**12**				
Standard 6A: Representations and Ordering	**4**				
	1	6.8.02			
	1	6.8.04			
	1	6.8.07			
	1	6.8.08			
Standards 6B, 6C: Computation, Operations, Estimation, and Properties	**4**				
	1	6.8.09			
	1	6.8.10			
	1	6.8.11			
	1	6.8.13			
	4				
Standard 6D: Ratios, Proportions, and Percents	1	6.8.15			
	1	6.8.16			
	2	6.8.18			
State Goal 7: Measurement	**11**				
Standards 7A, 7B, 7C: Units, Tools, Estimation, and Applications	**11**				
	1	7.8.01			
	4	7.8.02			
	2	7.8.03			
	2	7.8.04			
	1	7.8.05			
	1	7.8.06			
State Goal 8: Algebra	**20**				
Standard 8A: Representations, Patterns, and Expressions	**6**				
	1	8.8.01			
	2	8.8.02			
	1	8.8.03			
	1	8.8.04			
	1	8.8.05			
Standard 8B: Connections Using Tables, Graphs, and Symbols	**7**				
	2	8.8.06			
	2	8.8.07			
	1	8.8.09			
	2	8.8.10			

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

COPY 01
PROCESS NO. 90000000-000000-ILLM819-0000-08170-9

Item Analysis Summary - SAMPLE SCHOOL

DISTRICT: SAMPLE DISTRICT
RCDTS CODE: 123456789012345

GRADE: 08
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	**7**				
	2	8.8.11			
	2	8.8.12			
	3	8.8.13			
State Goal 9: Geometry	**13**				
Standard 9A: Properties of Single Figures and Coordinate Geometry	**6**				
	1	9.8.02			
	1	9.8.03			
	1	9.8.05			
	1	9.8.06			
	2	9.8.08			
Standard 9B: Relationships Between and Among Multiple Figures	**7**				
	2	9.8.10			
	4	9.8.11			
	1	9.8.12			
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**				
	3	10.8.01			
	1	10.8.04			
	2	10.8.05			
Standard 10C: Probability	**3**				
	2	10.8.06			
	1	10.8.08			

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

COPY 01

PROCESS NO. 90000000-000000-ILLM829-0000-08170-9

Item Analysis Summary - SAMPLE SCHOOL

Illinois Standards Achievement Test

DISTRICT: SAMPLE DISTRICT
RCDTS CODE: 123456789012345

GRADE: 08
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 6: Number Sense** Standards 6B, 6C: Computation, Operations, Estimation, and Properties Students are asked to calculate the distance two boys ran and to determine the difference between each distance. Students are also asked to show work.	2 1 0	6.8.09			
Item 2 **State Goal 10: Data Analysis, Statistics, and Probability** Standard 10C: Probability Students are asked to find the total number of combinations a customer can choose given three different choices. Students are also asked to show work.	2 1 0	10.8.08			
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 how much money a customer would have saved at a bank using two different scenarios. Students are also asked to show work.		6.8.09			
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				

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

COPY 01
PROCESS NO. 90000000-000000-ILLM839-0000-08170-9