Illinois Standards Achievement Test

Item Analysis Summary - SAMPLE SCHOOL

DISTRICT: SAMPLE DISTRICT
RCDTS CODE: 123456789012345

GRADE: 07
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	**17**				
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	**10**				
	1	6.7.08			
	2	6.7.09			
	1	6.7.10			
	1	6.7.11			
	3	6.7.12			
	2	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**				
	3	7.7.02			
	1	7.7.03			
	2	7.7.04			
	2	7.7.05			
	2	7.7.06			
State Goal 8: Algebra	**16**				
Standard 8A: Representations, Patterns, and Expressions	**6**				
	2	8.7.01			
	1	8.7.02			
	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

COPY 01
PROCESS NO. 90000000-000000-ILLM711-0000-02181-1

Item Analysis Summary - SAMPLE SCHOOL

DISTRICT: SAMPLE DISTRICT
RCDTS CODE: 123456789012345

GRADE: 07
TEST DATE: 03/11

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	**5**				
	2	8.7.10			
	1	8.7.11			
	2	8.7.12			
State Goal 9: Geometry	**13**				
Standard 9A: Properties of Single Figures and Coordinate Geometry	**6**				
	1	9.7.01			
	1	9.7.04			
	1	9.7.06			
	1	9.7.07			
	1	9.7.09			
	1	9.7.10			
Standard 9B: Relationships Between and Among Multiple Figures	**7**				
	2	9.7.11			
	2	9.7.13			
	1	9.7.14			
	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**				
	2	10.7.06			
	1	10.7.07			
	1	10.7.08			

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

COPY 01
PROCESS NO. 90000000-000000-ILLM721-0000-02181-1

Item Analysis Summary - SAMPLE SCHOOL

Illinois Standards Achievement Test

DISTRICT: SAMPLE DISTRICT
RCDTS CODE: 123456789012345

GRADE: 07
TEST DATE: 03/11

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 8: Algebra
   Standard 8A: Representations, Patterns, and Expressions
   Students are asked to write a rule for the arithmetic sequence
   shown and write the next three terms in the sequence.
	2
	1
	0
		8.7.01			

Item 2
State Goal 9: Geometry
   Standard 9A: Properties of Single Figures and Coordinate Geometry
   Students are asked to determine the diameter of a circle, show
   work, and label the answer.
	2
	1
	0
		9.7.04			

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 determine the eighth number needed in
   a list so the mean (average) of the list is a certain number.
		10.7.05			

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-ILLM731-0000-02181-1