



Item Analysis Summary - SAMPLE SCHOOL

DISTRICT: SAMPLE DISTRICT
RCDTS CODE: 123456789012345

GRADE: 05
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	20 7 1 1 1 2 2	6.5.01 6.5.04 6.5.07 6.5.08 6.5.11			
Standards 6B, 6C: Computation, Operations, Estimation, and Properties	10 4 2 1 1 2	6.5.12 6.5.13 6.5.14 6.5.15 6.5.16			
Standard 6D: Ratios, Proportions, and Percents	3 1 1 1	6.5.17 6.5.18 6.5.19			
State Goal 7: Measurement Standards 7A, 7B, 7C: Units, Tools, Estimation, and Applications	10 10 1 2 2 1 1 1 1 2	7.5.01 7.5.02 7.5.03 7.5.04 7.5.05 7.5.06 7.5.07			
State Goal 8: Algebra Standard 8A: Representations, Patterns, and Expressions	13 5 1 1 1 2	8.5.01 8.5.02 8.5.03 8.5.04			
Standard 8B: Connections Using Tables, Graphs, and Symbols	4 2 2	8.5.05 8.5.06			



Item Analysis Summary - SAMPLE SCHOOL

DISTRICT: SAMPLE DISTRICT
RCDTS CODE: 123456789012345

GRADE: 05
TEST DATE: 03/12

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	4 2 1 1	 8.5.07 8.5.08 8.5.09			
State Goal 9: Geometry Standard 9A: Properties of Single Figures and Coordinate Geometry	12 6 1 1 1 1 2	 9.5.01 9.5.02 9.5.03 9.5.07 9.5.09			
Standard 9B: Relationships Between and Among Multiple Figures	6 1 1 2 1 1	 9.5.10 9.5.11 9.5.12 9.5.13 9.5.15			
Standard 9C: Justifications of Conjectures and Conclusions	0				
Standard 9D: Trigonometry	0				
State Goal 10: Data Analysis, Statistics, and Probability Standards 10A, 10B: Data Analysis and Statistics	10 6 2 2 2	 10.5.01 10.5.02 10.5.03			
Standard 10C: Probability	4 2 2	 10.5.04 10.5.05			



Item Analysis Summary - SAMPLE SCHOOL

DISTRICT: SAMPLE DISTRICT
RCDTS CODE: 123456789012345

GRADE: 05
TEST DATE: 03/12

MATHEMATICS

RESPONSE ANALYSIS (% AT EACH SCORE POINT)

Results from Short-Response Items <i>2 = Completely correct response 1 = Partially correct response 0 = Incorrect or no response</i>	Score Range	Assessment Objective*	SCHOOL	DISTRICT	STATE
Item 1 State Goal 9: Geometry Standard 9A: Properties of Single Figures and Coordinate Geometry Students are asked to name one right angle and one obtuse angle on a protractor.	2 1 0	9.5.09			
Item 2 State Goal 8: Algebra Standard 8A: Representations, Patterns, and Expressions Students are asked to describe a rule in a pattern and to determine the next number in a different pattern.	2 1 0	8.5.02			
Results from Extended-Response Item <i>4 = Highest Score; 0 = Lowest Score</i>	Score Range	Assessment Objective*	SCHOOL	DISTRICT	STATE
State Goal 6: Number Sense Standards 6B, 6C: Computation, Operations, Estimation, and Properties Students are asked to solve a problem involving money and making change.		6.5.13			
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>