

Item Analysis Summary - SAMPLE SCHOOL

DISTRICT: SAMPLE DISTRICT RCDTS CODE: 123456789012345 GRADE: 05 TEST DATE: 03/11

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sults from Multiple-Choice Items # State Goal 6: Number Sense Standard 6A: Representations and Ordering Standard 6A: Representations and Ordering # Standards 6B, 6C: Computation, Operations, Estimation, and Properties # Standard 6D: Ratios, Proportions, and Percents #	# of Items 18 7 1 1 1 1 2 10 3 1 1 2 3	Assessment Objective* 6.5.01 6.5.03 6.5.04 6.5.07 6.5.08 6.5.11 6.5.12 6.5.13 6.5.14 6.5.14 6.5.15	SCHOOL	DISTRICT	STATE
State Goal 6: Number Sense Standard 6A: Representations and Ordering Standards 6B, 6C: Computation, Operations, Estimation, and Properties Standard 6D: Ratios, Proportions, and Percents	18 7 1 1 1 2 10 3 1 1 2 3	6.5.01 6.5.03 6.5.04 6.5.07 6.5.08 6.5.11 6.5.12 6.5.13 6.5.14 6.5.15			
Standard 6A: Representations and Ordering Standards 6B, 6C: Computation, Operations, Estimation, and Properties Standard 6D: Ratios, Proportions, and Percents	7 1 1 1 2 10 3 1 1 2 3	6.5.01 6.5.03 6.5.04 6.5.07 6.5.08 6.5.11 6.5.12 6.5.13 6.5.14 6.5.15			
Standards 6B, 6C: Computation, Operations, Estimation, and Properties Standard 6D: Ratios, Proportions, and Percents	1 1 1 2 10 3 1 1 2 3	6.5.01 6.5.03 6.5.04 6.5.07 6.5.08 6.5.11 6.5.12 6.5.13 6.5.14 6.5.15			
Standards 6B, 6C: Computation, Operations, Estimation, and Properties Standard 6D: Ratios, Proportions, and Percents	1 1 1 2 10 3 1 1 2 3	6.5.03 6.5.04 6.5.07 6.5.08 6.5.11 6.5.12 6.5.13 6.5.13 6.5.14 6.5.15			
Standards 6B, 6C: Computation, Operations, Estimation, and Properties Standard 6D: Ratios, Proportions, and Percents	1 1 2 10 3 1 1 2 3	6.5.04 6.5.07 6.5.08 6.5.11 6.5.12 6.5.13 6.5.14 6.5.15			
Standards 6B, 6C: Computation, Operations, Estimation, and Properties Standard 6D: Ratios, Proportions, and Percents	1 1 2 10 3 1 1 2 3	6.5.07 6.5.08 6.5.11 6.5.12 6.5.13 6.5.14 6.5.15			
Standards 6B, 6C: Computation, Operations, Estimation, and Properties Standard 6D: Ratios, Proportions, and Percents	1 2 10 3 1 1 2 3	6.5.08 6.5.11 6.5.12 6.5.13 6.5.14 6.5.15			
Standards 6B, 6C: Computation, Operations, Estimation, and Properties Standard 6D: Ratios, Proportions, and Percents	2 10 3 1 2 3	6.5.12 6.5.13 6.5.14 6.5.15			
Standards 6B, 6C: Computation, Operations, Estimation, and Properties Standard 6D: Ratios, Proportions, and Percents	10 3 1 2 3	6.5.12 6.5.13 6.5.14 6.5.15			
Standard 6D: Ratios, Proportions, and Percents	10 3 1 2 3	6.5.12 6.5.13 6.5.14 6.5.15			
Standard 6D: Ratios, Proportions, and Percents	3 1 1 2 3	6.5.12 6.5.13 6.5.14 6.5.15			
Standard 6D: Ratios, Proportions, and Percents	1 1 2 3	6.5.12 6.5.13 6.5.14 6.5.15			
Standard 6D: Ratios, Proportions, and Percents	1 2 3	6.5.14 6.5.15			
Standard 6D: Ratios, Proportions, and Percents	2 3	6.5.15			
Standard 6D: Ratios, Proportions, and Percents	3	0.5.15			
Standard 6D: Ratios, Proportions, and Percents	3				
Standard 6D: Ratios, Proportions, and Percents		0.3.10			
	1	0.5.47			
	1	6.5.17			
State Goal 7: Measurement	11				
Standards 7A, 7B, 7C: Units, Tools, Estimation, and Applications	11				
	1	7.5.01			
	3	7.5.02			
	2	7.5.03			
	2	7.5.04			
	1	7.5.05			
	1	7.5.06			
	1	7.5.07			
State Goal 8: Algebra	13				
Standard 8A: Representations, Patterns, and Expressions	5				
	1	85.01			
	1	85.02			
	1	85.03			
	2	8.5.04			
Standard 8B: Connections Using Tables, Graphs, and Symbols	4				
Standard 8B: Connections Using Tables, Graphs, and Symbols	- + 3	85.05			
	1	8.5.06			
Standarda 9C 9D: Writing Interpreting and Solving Equations	A				
Standards 8C, 8D: Writing, Interpreting, and Solving Equations	4				
	2	8.5.07			
	1	8.5.08			
	1	8.5.09			



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MATHEMATICS			RESPONSE ANALYSIS (% CORRECT)			
Results from Multiple-Choice Items (cont.)	# of Items	Assessment Objective*	SCHOOL	DISTRICT	STATE	
State Goal 9: Geometry Standard 9A: Properties of Single Figures and Coordinate Geometry	13 6					
	1	9.5.01				
	1	9.5.02				
	1	9.5.03				
	1	9.5.07				
	1	9.5.09				
Standard 9B: Relationships Between and Among Multiple Figures	7					
	1	9.5.10				
	1	9.5.11				
	2	9.5.12				
	1	9.5.14				
	1	9.5.15				
Standard 9C: Justifications of Conjectures and Conclusions	0					
Standard 9D: Trigonometry	0					
State Goal 10: Data Analysis, Statistics, and Probability	10					
Standards 10A, 10B: Data Analysis and Statistics	6	10 5 01				
	3	10.5.01				
	2	10.5.02				
	2	10.0.00				
Standard 10C: Probability	4					
	2	10.5.04				
	2	10.5.05				
	1					
	1					
	1					
continued on next page *Assessment Obje	ctive descript	ions are online	e at http://www.isbe.net/assessmo	ent/IAFindex.htm COPY 01		
	Scores based on no	rmative data copyri	ght $©$ 2003 by NCS Pearson, Inc. All rights re	PROCESS NO. 9000	0000-000000-ILLM521-0000-02171-	



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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 6: Number Sense Standard 6D: Ratios, Proportions, and Percents Students are asked to determine the number of red bicycles using a proportional relationship and to show work.	2 1 0	6.5.18				
Item 2 State Goal 6: Number Sense Standard 6D: Ratios, Proportions, and Percents Students are asked how much of a given grid needs to be shaded to show a certain percent and to show work.	2 1 0	6.5.19				
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 Properites Students are asked to determine the number of each type of coin in the pocket using given information about the number of coins, the types of coins, and the total value of the coins.		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 Object	tive descript	tions are onlin prmative data copyri	e at http://www.isbe.net/assessmo ght © 2003 by NCS Pearson, Inc. All rights re	I ent/IAFindex.htm COPY 01 iserved. PROCESS NO. 900	00000-000000-ILLM531-0000-03221-1	