

New Mexico Standards Based Assessment 2011–2012

District Item Plot Report

for

Albuquerque District 001

English Language Test

Grade: 08

Test Date: 04/2012

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		# Items	Avg Pts Earned ¹	# Items	# Pts Possible	Avg Pts Earned ¹	# Items	# Pts Possible	Avg Pts Earned ¹	# Pts Possible	Avg Pts Earned ¹	State
Reading Valid Scores = 6,061	55	33	21.62	5	10	5.88	3	12	4.24	22	10.12	10.09
Reading for Comprehension	24	18	12.24	3	6	3.84	0	0	0.00	6	3.84	3.82
Reading Comprehension Strategies and Skills	24	18	12.24	3	6	3.84	0	0	0.00	6	3.84	3.82
B. Gather and Use Information for Research and Other Purposes	7	3	2.02	2	4	2.83	0	0	0.00	4	2.83	2.81
1. Use Information for Specific Tasks	6	2	1.28	2	4	2.83	0	0	0.00	4	2.83	2.81
Analyze and Evaluate Information , Themes, and Central Ideas	6	2	1.28	2	4	2.83	0	0	0.00	4	2.83	2.81
2. Use Images and Visual Representations as Informational Research Tools	1	1	0.74	0	0	0.00	0	0	0.00	0	0.00	0.00
C. Apply Critical Thinking Skills to Analyze Information	6	4	2.47	1	2	1.02	0	0	0.00	2	1.02	1.00
D. Demonstrate Competence in Skills and Strategies of the Reading Process	11	11	7.74	0	0	0.00	0	0	0.00	0	0.00	0.00
Literature and Media	31	15	9.38	2	4	2.04	3	12	4.24	16	6.28	6.28
Literature/Media to Develop Understand People, Societies, and Self	31	15	9.38	2	4	2.04	3	12	4.24	16	6.28	6.28
B. Identify Ideas and Make Connections among Literary Works	31	15	9.38	2	4	2.04	3	12	4.24	16	6.28	6.28
1. Identify Conflict, Rising Action, and Resolution of Conflict	4	2	1.28	1	2	1.22	0	0	0.00	2	1.22	1.26
2. Describe How Tone and Meaning is Conveyed in Poetry and Expository Writing	1	1	0.75	0	0	0.00	0	0	0.00	0	0.00	0.00
3. Identify Significant Literary Devices (Metaphor, Symbolism, Dialect, Irony, etc.)	1	1	0.57	0	0	0.00	0	0	0.00	0	0.00	0.00
5M. Draw Inferences and Conclusions	19	9	5.78	1	2	0.82	2	8	2.77	10	3.58	3.56
6M. Analyze and Evaluate Themes and Central Ideas	6	2	1.00	0	0	0.00	1	4	1.48	4	1.48	1.45

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Mathematics Valid Scores = 6,061	91	53	28.01	9	18	4.79	5	20	6.76	38	11.55	11.31
Number and Operations	19	9	4.74	3	6	1.71	1	4	1.96	10	3.67	3.59
Numerical Concepts and Mathematical Operations	19	9	4.74	3	6	1.71	1	4	1.96	10	3.67	3.59
1. Number Sense	5	3	1.22	1	2	0.67	0	0	0.00	2	0.67	0.68
1. Properties of Numbers	3	1	0.39	1	2	0.67	0	0	0.00	2	0.67	0.68
2. Magnitude of Rational Numbers	2	2	0.83	0	0	0.00	0	0	0.00	0	0.00	0.00
2. Meaning of Operations and Relation to One Another	3	3	2.13	0	0	0.00	0	0	0.00	0	0.00	0.00
2. Operations and Their Inverses	2	2	1.33	0	0	0.00	0	0	0.00	0	0.00	0.00
3. Roots with Calculators	1	1	0.81	0	0	0.00	0	0	0.00	0	0.00	0.00
3. Compute Fluently and Make Reasonable Estimates	11	3	1.39	2	4	1.04	1	4	1.96	8	3.00	2.91
2. Estimate	2	0	0.00	1	2	0.65	0	0	0.00	2	0.65	0.60
3. Rational and Irrational	1	1	0.55	0	0	0.00	0	0	0.00	0	0.00	0.00
6. Rationales to Solve Real-world Problems	5	1	0.45	0	0	0.00	1	4	1.96	4	1.96	1.90
8. Scientific Notation in Problem Solving (W/ Calculator)	2	0	0.00	1	2	0.40	0	0	0.00	2	0.40	0.41
9. Estimate and Solve Surface Area and Volume	1	1	0.38	0	0	0.00	0	0	0.00	0	0.00	0.00
Algebra	23	15	8.60	2	4	1.19	1	4	1.04	8	2.22	2.06
Algebraic Concepts and Applications	23	15	8.60	2	4	1.19	1	4	1.04	8	2.22	2.06
1. Patterns, Relations, and Functions	4	2	1.10	1	2	0.81	0	0	0.00	2	0.81	0.78
1. Move between Numerical, Tabular, and Graphic Linear Relationships	3	1	0.55	1	2	0.81	0	0	0.00	2	0.81	0.78
2. Use Variables to Generalize Patterns in Tables, Charts, and Graphs	1	1	0.55	0	0	0.00	0	0	0.00	0	0.00	0.00
Graph Linear Functions	1	1	0.55	0	0	0.00	0	0	0.00	0	0.00	0.00
2. Mathematical Situations and Structures with Algebraic Symbols	7	5	2.87	1	2	0.38	0	0	0.00	2	0.38	0.34

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Mathematics	91	53	28.01	9	18	4.79	5	20	6.76	38	11.55	11.31
3. Quantitative Relationships	6	2	1.38	0	0	0.00	1	4	1.04	4	1.04	0.94
1. Generate Different Representations Given One Representation	6	2	1.38	0	0	0.00	1	4	1.04	4	1.04	0.94
4. Analyze Changes	6	6	3.25	0	0	0.00	0	0	0.00	0	0.00	0.00
1. Predict and Solve Problems That Involve Change	1	1	0.61	0	0	0.00	0	0	0.00	0	0.00	0.00
2. Estimate, Find, and Justify Algebraic Solutions	2	2	1.05	0	0	0.00	0	0	0.00	0	0.00	0.00
3. Problem Solving Strategies	3	3	1.59	0	0	0.00	0	0	0.00	0	0.00	0.00
Geometry	16	10	4.70	1	2	0.53	1	4	1.25	6	1.78	1.73
Geometric Concepts and Applications	16	10	4.70	1	2	0.53	1	4	1.25	6	1.78	1.73
1. Mathematic Arguments about Geometric Relationships	5	3	1.58	1	2	0.53	0	0	0.00	2	0.53	0.51
2. Coordinate Geometry	2	2	1.01	0	0	0.00	0	0	0.00	0	0.00	0.00
1. Represent, Formulate, and Solve Distance and Geometry Problems	2	2	1.01	0	0	0.00	0	0	0.00	0	0.00	0.00
3. Transformations and Symmetry	1	1	0.44	0	0	0.00	0	0	0.00	0	0.00	0.00
4. Visualization, Spatial Reasoning, and Geometric Modeling	8	4	1.67	0	0	0.00	1	4	1.25	4	1.25	1.22
1. Angles Formed by Parallel Lines Cut by a Transversal	1	1	0.38	0	0	0.00	0	0	0.00	0	0.00	0.00
3. Size, Shape, Area, and Volume	3	3	1.29	0	0	0.00	0	0	0.00	0	0.00	0.00
4. Formulas for Area, Perimeter, Circumference, and Volume	4	0	0.00	0	0	0.00	1	4	1.25	4	1.25	1.22
Measurement	13	7	3.27	1	2	0.27	1	4	0.91	6	1.18	1.13
Measurement Systems and Applications	13	7	3.27	1	2	0.27	1	4	0.91	6	1.18	1.13
1. Attributes of Objects and Units, Systems, and Processes of Measurement	4	2	0.70	1	2	0.27	0	0	0.00	2	0.27	0.27

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Mathematics	91	53	28.01	9	18	4.79	5	20	6.76	38	11.55	11.31
1. Concept of Volume and Compute Volume of Rectangular Solids	3	1	0.45	1	2	0.27	0	0	0.00	2	0.27	0.27
2. Use Changes in Units to Perform Conversions from 1-D, 2-D, and 3-D Shapes	1	1	0.25	0	0	0.00	0	0	0.00	0	0.00	0.00
2. Appropriate Techniques, Tools, and Formulas in Measurement	9	5	2.57	0	0	0.00	1	4	0.91	4	0.91	0.87
Data Analysis and Probability	20	12	6.69	2	4	1.09	1	4	1.61	8	2.70	2.79
Formulate Questions, Analyze Data, and Determine Probabilities	20	12	6.69	2	4	1.09	1	4	1.61	8	2.70	2.79
1. Formulate Questions and Display Relevant Data to Answer Them	5	3	2.05	1	2	0.37	0	0	0.00	2	0.37	0.37
2. Statistical Methods to Analyze Data	8	4	2.35	0	0	0.00	1	4	1.61	4	1.61	1.65
2. Generate, Organize, and Interpret Data	1	1	0.40	0	0	0.00	0	0	0.00	0	0.00	0.00
3. Data Analysis	1	1	0.71	0	0	0.00	0	0	0.00	0	0.00	0.00
Plots	1	1	0.71	0	0	0.00	0	0	0.00	0	0.00	0.00
4. Interpret and Analyze Data and Draw Conclusions	1	1	0.37	0	0	0.00	0	0	0.00	0	0.00	0.00
6. Central Tendency and Spread	4	0	0.00	0	0	0.00	1	4	1.61	4	1.61	1.65
8. Display Data as Lists, Tables, Matrices, Graphs, Plots, and Analyze Variable Relationships	1	1	0.87	0	0	0.00	0	0	0.00	0	0.00	0.00
3. Inferences and Predictions Based on Data	2	2	1.09	0	0	0.00	0	0	0.00	0	0.00	0.00
2. Reader Bias, Measurement Errors, Display Distortion	1	1	0.56	0	0	0.00	0	0	0.00	0	0.00	0.00
3. Use Data Results to Draw Conclusions and Make Predictions	1	1	0.53	0	0	0.00	0	0	0.00	0	0.00	0.00
4. Basic Concepts of Probability	5	3	1.21	1	2	0.72	0	0	0.00	2	0.72	0.78
1. Calculate Odds	1	1	0.13	0	0	0.00	0	0	0.00	0	0.00	0.00
2. Probability Simulations	1	1	0.58	0	0	0.00	0	0	0.00	0	0.00	0.00
5. Probability Analysis	1	1	0.50	0	0	0.00	0	0	0.00	0	0.00	0.00

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Mathematics	91	53	28.01	9	18	4.79	5	20	6.76	38	11.55	11.31
6. Probability of Independent and Dependent Events	2	0	0.00	1	2	0.72	0	0	0.00	2	0.72	0.78

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