PERFORMANCE PROFILE FOR KAYLEE LIERMAN
Iowa Assessments™

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TESTS / SCORES / NPR GRAPH

Tests	SS	NPR	GE	NS
Reading	284	98	13+	9
Written Expression	286	94	13+	8
Conventions of Writing	257	86	9.5	7
Vocabulary	255	96	9.3	9
ELA TOTAL	**275**	**99**	**12.2**	**9**
Mathematics	207	42	5.3	5
Computation	183	10	3.7	2
MATH TOTAL	**199**	**29**	**4.7**	**4**
CORE COMPOSITE	**237**	**77**	**7.5**	**7**
Social Studies	247	82	8.5	7
Science	248	81	8.6	7
COMPLETE COMPOSITE	**241**	**79**	**7.9**	**7**

NPR GRAPH scale: 1   25   50   75   99

■▶ = National Percentile Rank with confidence band

INTERPRETING THE REPORT

In the upper part of this report, scores are printed for the tests, totals, and composites. Several types of scores are reported, including the NPR, which represents the percent of students in the same grade throughout the nation with a lower score.

The horizontal bands in the NPR Graph illustrate that each score can be thought of as falling within a range. Overlapping bands indicate results that are similar. Bands that do not overlap indicate results that are probably different.

The lower part of the report provides information about the skill domains measured by each test. It also summarizes data by the different levels of cognition required by the items in some tests. The number of items for each domain and cognitive level, the number attempted, the percent correct for the student, and the average percent correct for students in this grade throughout the nation are reported. The difference between the student's percent correct and the national percent correct is displayed as a horizontal bar.

Domains/Cognitive Levels — Column 1

Domains/Cognitive Levels	Total Items	No. Att.	%C Std.	%C Nat.	Diff.
Reading					
Informational	20	19	95	67	+28
Literary	23	23	100	68	+32
Domains					
Vocabulary	4	4	100	61	+39
Explicit Meaning	13	13	100	66	+34
Implicit Meaning	10	10	100	73	+27
Key Ideas	8	7	88	66	+22
Author's Craft	8	8	100	68	+32
Cognitive Levels					
Essential Competencies	10	10	100	67	+33
Conceptual Understanding	26	25	96	68	+28
Extended Reasoning	7	7	100	66	+34
Written Expression					
Domains					
Usage & Grammar	14	14	93	59	+34
Sentence Structure	7	7	100	70	+30
Planning & Organization	14	14	93	72	+21
Appropriate Expression	5	5	100	66	+34
Cognitive Levels					
Essential Competencies	18	18	94	61	+33
Conceptual Understanding	7	7	100	70	+30
Extended Reasoning	15	15	93	71	+22
Conventions of Writing					
Domains					
Spelling	30	30	97	65	+32
Capitalization	24	19	46	56	-10
Punctuation	24	24	92	52	+40
Vocabulary					
Domains					
Vocabulary	37	37	97	68	+29

Domains/Cognitive Levels — Column 2

Domains/Cognitive Levels	Total Items	No. Att.	%C Std.	%C Nat.	Diff.
Mathematics					
Domains (c)					
Number Sense & Operations	17	16	47	64	-17
Alg. Patterns/Connections	10	10	60	71	-11
Data Analysis/Prob./Stats	9	9	33	50	-17
Geometry	12	12	83	67	+16
Measurement	12	12	67	61	+6
Cognitive Levels					
Essential Competencies	6	6	83	72	+11
Conceptual Understanding	44	43	61	63	-2
Extended Reasoning	10	10	30	61	-31
Computation					
Domains					
Compute with Whole Numbers	19	11	42	75	-33
Compute with Fractions	6	1	0	49	-49
Compute with Decimals	4	2	50	60	-10
Social Studies					
Domains					
History	10	10	90	61	+29
Geography	11	11	82	61	+21
Economics	7	7	71	68	+3
Civics & Government	9	9	89	59	+30
Cognitive Levels					
Essential Competencies	15	15	100	64	+36
Conceptual Understanding	12	12	50	55	-5
Extended Reasoning	10	10	100	66	+34
Science					
Domains					
Life Science	15	15	80	64	+16
Earth & Space Science	11	11	73	65	+8

Domains/Cognitive Levels — Column 3

Domains/Cognitive Levels	Total Items	No. Att.	%C Std.	%C Nat.	Diff.
Science (c)					
Domains (c)					
Physical Science	11	11	82	57	+25
Cognitive Levels					
Essential Competencies	14	14	71	50	+21
Conceptual Understanding	19	19	84	71	+13
Extended Reasoning	4	4	75	62	+13
Information Literacy					
Domains					
Acquiring Information	6	6	100	55	+45
Evaluating Information	3	3	100	71	+29
Using Information	6	6	100	78	+22

SS = Developmental Standard Score   NPR = National Percentile Rank   GE = Grade Equivalent   NS = National Stanine

A plus sign (+) or a minus sign (-) in the difference graph indicates that the bar extends beyond +/- 20.

Numbers may not sum to 100% due to rounding. %C = Percent Correct   No. Att = Number Attempted

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