PERFORMANCE PROFILE FOR NATELLY PIERSON
Iowa Assessments™

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TESTS — SCORES — NPR GRAPH

TESTS	SS	NPR	GE	NS
Reading	269	78	10.9	7
Written Expression	302	87	13+	7
Conventions of Writing	317	98	13+	9
Vocabulary	296	98	13+	9
ELA TOTAL	**293**	**96**	**13+**	**9**
Mathematics	242	53	8.0	5
Computation	257	69	9.5	6
MATH TOTAL	**247**	**60**	**8.6**	**6**
CORE COMPOSITE	**270**	**81**	**11.0**	**7**
Social Studies	292	89	13+	8
Science	260	68	9.8	6
COMPLETE COMPOSITE	**272**	**81**	**11.6**	**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	29	29	86	67	+19
Literary	16	16	88	72	+16
Domains					
Vocabulary	5	5	60	68	-8
Explicit Meaning	10	10	80	70	+10
Implicit Meaning	11	11	91	64	+27
Key Ideas	9	9	89	71	+18
Author's Craft	10	10	100	69	+31
Cognitive Levels					
Essential Competencies	10	10	70	68	+2
Conceptual Understanding	28	28	93	70	+23
Extended Reasoning	7	7	86	64	+22
Written Expression					
Domains					
Usage & Grammar	14	14	79	52	+27
Sentence Structure	8	8	100	73	+27
Planning & Organization	13	13	92	65	+27
Appropriate Expression	10	10	70	63	+7
Cognitive Levels					
Essential Competencies	20	20	80	54	+26
Conceptual Understanding	10	10	90	71	+19
Extended Reasoning	15	15	87	67	+20
Conventions of Writing					
Domains					
Spelling	34	34	94	61	+33
Capitalization	27	27	96	53	+43
Punctuation	27	27	78	49	+29
Vocabulary					
Domains					
Vocabulary	41	41	95	59	+36

Domains / Cognitive Levels — Column 2

Domains/Cognitive Levels	Total Items	No. Att.	%C Std.	%C Nat.	Diff.
Mathematics					
Domains					
Number Sense & Operations	19	19	74	65	+9
Alg. Patterns/Connections	12	12	75	64	+11
Data Analysis/Prob./Stats	11	11	73	66	+7
Geometry	14	14	36	55	-19
Measurement	14	14	64	56	+8
Cognitive Levels					
Essential Competencies	6	6	33	62	-29
Conceptual Understanding	59	59	71	61	+10
Extended Reasoning	5	5	20	55	-35
Computation					
Domains					
Compute with Whole Numbers	8	8	88	65	+23
Compute with Fractions	12	12	67	59	+8
Compute with Decimals	11	11	73	59	+14
Social Studies					
Domains					
History	11	11	82	60	+22
Geography	10	10	100	63	+37
Economics	9	9	89	63	+26
Civics & Government	11	11	82	58	+24
Cognitive Levels					
Essential Competencies	11	11	82	65	+17
Conceptual Understanding	19	19	95	59	+36
Extended Reasoning	11	11	82	60	+22
Science					
Domains					
Life Science	14	14	71	65	+6
Earth & Space Science	14	14	71	55	+16

Domains / Cognitive Levels — Column 3

Domains/Cognitive Levels	Total Items	No. Att.	%C Std.	%C Nat.	Diff.
Science (c)					
Domains (c)					
Physical Science	13	13	69	56	+13
Cognitive Levels					
Essential Competencies	12	12	67	61	+6
Conceptual Understanding	24	24	75	60	+15
Extended Reasoning	5	5	60	48	+12
Information Literacy					
Domains					
Acquiring Information	1	1	100	55	+45
Evaluating Information	5	5	100	67	+33
Using Information	9	9	100	62	+38

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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