Differential Ability Scales ®

Second Edition

Sample Report

Technical Report for DAS-II and WIAT-II
(School Age Battery)

Examinee:	John Sample	**Report Date:**	7/19/2007
Age:	8 years, 5 months	**Grade:**	Not Specified
Date of Birth:	2/11/1999	**Ethnicity:**	White not Hispanic Origin
Examinee ID:	1	**Examiner:**	Sandra Behrens
Gender:	Male		

Home Language:	Spanish	**Handedness:**	Right
Dominant Language:		**School:**	
Translation Used:		**Teacher:**	

Test Administered:	DAS-II (1/11/2007)	**Age at Testing:**	DAS-II (7 years 11 months)
	WIAT-II (1/11/2007)		(7 years 11 months)

Does the examinee have glasses or corrective lenses?
Is there a known uncorrected vision problem?
Does the examinee have an assistive listening device?
Is there a known uncorrected hearing problem?

Are there any other personal or physical characteristics or medications that might affect test results?

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CORE BATTERY

Core Cluster and Composite Scores and Indexes

Cluster/Composite	Sum of T-Scores	Standard Score	Percentile	90% Confidence Interval	Qualitative Description
Verbal	102	102	55	94–109	Average
Nonverbal Reasoning	87	89	23	84–96	Below Average
Spatial	103	102	55	97–107	Average
GCA	292	97	42	92–102	Average
SNC	190	95	37	90–100	Average

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Graph of DAS-II Core Cluster and Composite Standard Scores
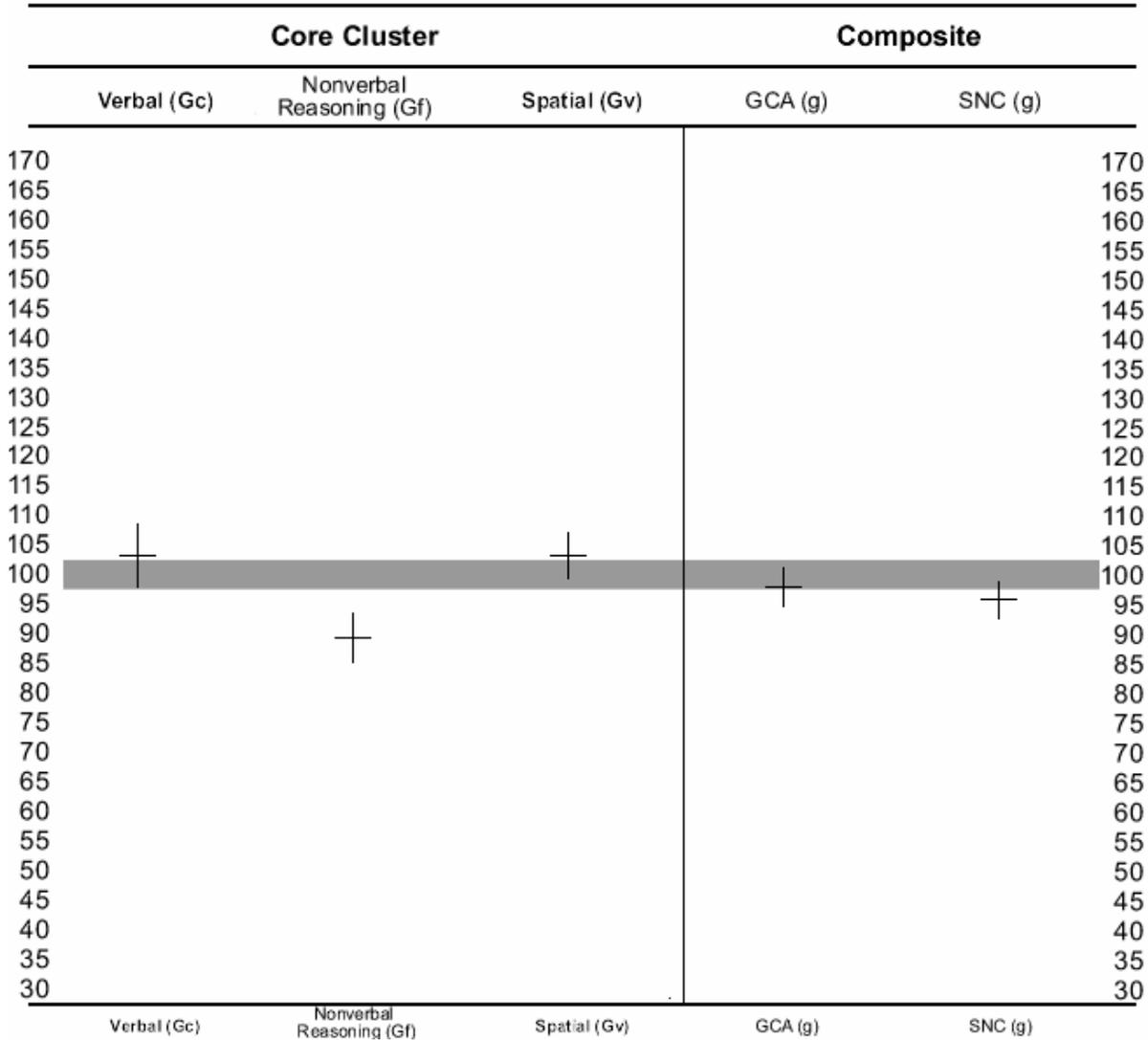
Vertical bar = SEM. SEMs for out of level age ranges are artificially inflated. See Help.

Cluster	Score	SEM	Composite	Score	SEM
Verbal	102	4.97	GCA	97	3
Nonverbal Reasoning	89	3.97	SNC	95	3
Spatial	102	3.67			

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Verbal Ability Cluster Subtest Scores Summary

Subtests	Raw Score Total	Item Set	Ability Score	T-Score	Percentile	Age Equiv.
Verbal Similarities	6	10-20	89	50	50	7:10
Word Definitions	9	1-13	92	52	58	8:1

Nonverbal Reasoning Ability Cluster Subtest Scores Summary

Subtests	Raw Score Total	Item Set	Ability Score	T-Score	Percentile	Age Equiv.
Matrices	9	20-34	69	43	24	6:4
Sequential and Quantitative Reasoning	14	1-23	77	44	27	6:10

Spatial Ability Cluster Subtest Scores Summary

Subtests	Raw Score Total	Item Set	Ability Score	T-Score	Percentile	Age Equiv.
Recall of Designs	15	1-12	82	51	54	7:10
Pattern Construction	22	20-28	207	52	58	8:1

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Graph of DAS-II Core Subtest T-Score Profile
School-Age Level
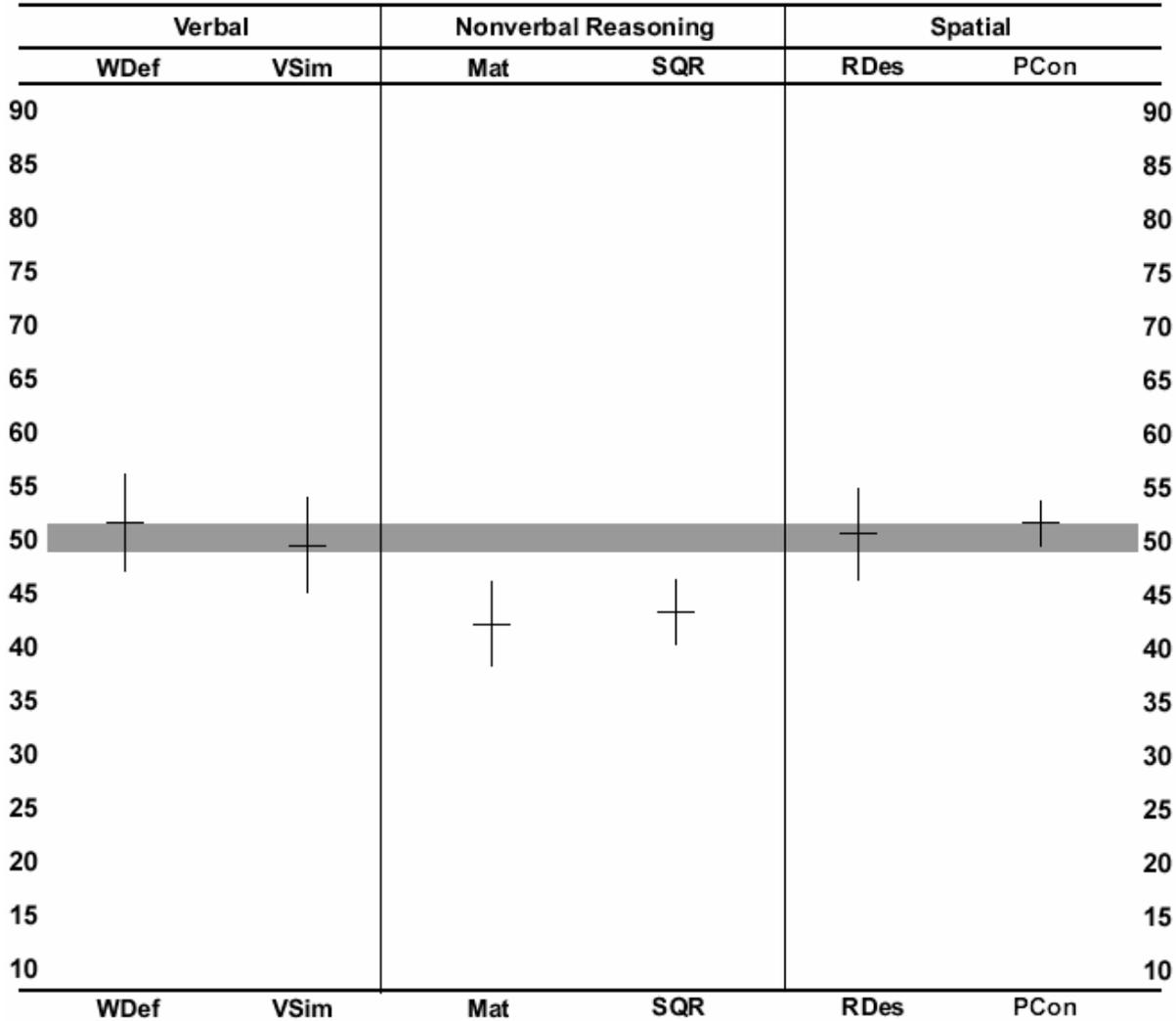
	Verbal		Nonverbal Reasoning		Spatial	
	WDef	VSim	Mat	SQR	RDes	PCon

Vertical bar = SEM. SEMs for out of level age ranges are artificially inflated. See Help.

Subtests	Score	SEM	Subtests	Score	SEM
Word Definitions (WDef)	52	4.24	Sequential & Quantitative Reasoning (SQR)	44	2.83
Verbal Similarities (VSim)	50	4.24	Recall of Designs (RDes)	51	4
Matrices (Mat)	43	3.74	Pattern Construction (PCon)	52	2

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Special Nonverbal Composite Subtest Scores Summary

Subtests	Raw Score Total	Item Set	Ability Score	T-Score	Percentile	Age Equiv.
Recall of Designs	15	1-12	82	51	54	7:10
Pattern Construction	22	20-28	207	52	58	8:1
Matrices	9	20-34	69	43	24	6:4
Sequential and Quantitative Reasoning	14	1-23	77	44	27	6:10

Differences between Cluster Standard Scores

Discrepancy Comparisons	Score 1	Score 2	Diff.	Critical Value	Sig. Diff. Y/N	Base Rate
Verbal - Nonverbal Reasoning	102	89	13	13	Y	15%
Verbal - Spatial	102	102	0	12	N	
Nonverbal Reasoning - Spatial	89	102	-13	10	Y	10-15%

Base Rate by Overall Sample
Statistical Significance (Critical Values) at the .05 level

Differences between Subtest T-Scores within Clusters

Discrepancy Comparisons	Score 1	Score 2	Diff.	Critical Value	Sig. Diff. Y/N	Base Rate
WDef - VSim	52	50	2	12	N	>15%
Mat - SQR	43	44	-1	9	N	>15%
RDes - PCon	51	52	-1	8	N	>15%

Base Rate by overall sample
Statistical Significance (Critical Values) at the 0.05 level

Differences between Subtest T-Scores and the Mean T-Score of the Core Subtests

Strengths and Weaknesses	Subtest T-Score	Mean Core T-Score	Diff.	Critical Value	H/L	Base Rate
Word Definitions	52	49	3	7		>15%
Verbal Similarities	50	49	1	8		>15%
Sequential and Quantitative Reasoning	44	49	-5	6		>15%
Matrices	43	49	-6	7		15%
Pattern Construction	52	49	3	5		>15%
Recall of Designs	51	49	2	7		>15%

Mean Core T-Score = 49, Scatter = 9, Base Rate = >25%
Statistical Significance (Critical Values) at the .05 level

Technical Report for DAS-II and WIAT-II
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DIAGNOSTIC BATTERY
Diagnostic Cluster Scores and Indexes

Cluster	Sum of T-Scores	Standard Score	Percentile	90% Confidence Interval	Qualitative Description
Working Memory	92	93	32	88–99	Average
Processing Speed	89	89	23	83–97	Below Average

Technical Report for DAS-II and WIAT-II
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Graph of DAS-II Diagnostic Cluster Standard Scores and GCA
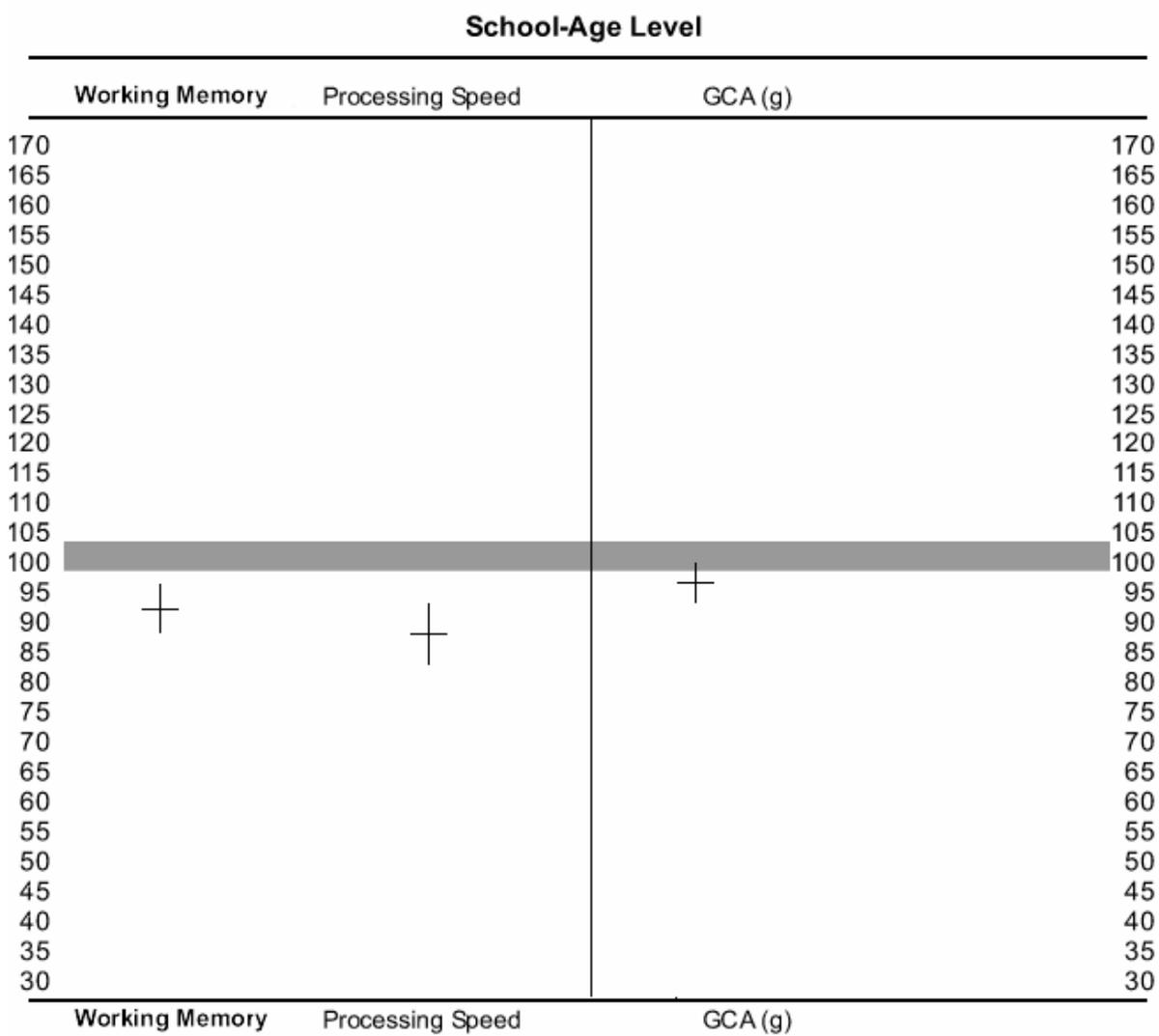
School-Age Level

Working Memory	Processing Speed	GCA (g)

Vertical bar = SEM. SEMs for out of level age ranges are artificially inflated. See Help.

Cluster	Score	SEM	Composite	Score	SEM
Working Memory	93	3.67	GCA	97	3
Processing Speed	89	4.74			

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Working Memory Cluster Subtest Scores Summary

Subtests	Raw Score Total	Item Set	Ability Score	T-Score	Percentile	Age Equiv.
Recall of Sequential Order	7	1-20	74	40	16	6:1
Recall of Digits - Backward	11	1-30	103	52	58	8:4

Processing Speed Cluster Subtest Scores Summary

Subtests	Raw Score Total	Item Set	Ability Score	T-Score	Percentile	Age Equiv.
Speed of Information Processing	24	1-6	117	51	54	8:1
Rapid Naming	24	1-3	112	38	12	5:7

Diagnostic Subtest Scores Summary

Subtests	Raw Score Total	Item Set	Ability Score	T-Score	Percentile	Age Equiv.
Recall of Objects - Immediate	19	1-60	116	40	16	6:1
Recall of Objects - Delayed	6	1-20	6	41	18	6:1
Recall of Digits - Forward	20	1-38	157	53	62	8:10
Recognition of Pictures	12	5-20	126	54	66	8:7
Phonological Processing	41	1-53	92	51	54	8:1

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Graph of DAS-II Diagnostic Subtest T-Score Profile

School-Age Level

				Working Memory		Processing Speed	
RObl	DigF	RPic	PhP	SeqO	DigB	SIP	RNam

Vertical bar = SEM. SEMs for out of level age ranges are artificially inflated. See Help.

Subtest	Score	SEM	Subtest	Score	SEM
Recall of Objects – Immediate	40	4.69	Recall of Sequential Order	40	2.83
Recall of Digits – Forward	53	3	Recall of Digits – Backward	52	3.16
Recognition of Pictures	54	4.8	Speed of Information Processing	51	3
Phonological Processing	51	3.16	Rapid Naming	38	4.12

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Differences between Diagnostic Cluster Standard Scores and GCA

Discrepancy Comparisons	Score 1	Score 2	Diff.	Critical Value	Sig. Diff. Y/N	Base Rate
Working Memory - GCA	93	97	-4	9	N	>15%
Processing Speed - GCA	89	97	-8	11	N	>15%

Base Rate by Overall Sample
Statistical Significance (Critical Values) at the .05 level

Differences between Diagnostic Cluster Standard Scores

Discrepancy Comparisons	Score 1	Score 2	Diff.	Critical Value	Sig. Diff. Y/N	Base Rate
WMem - PSp	93	89	4	12	N	>15%

Base Rate by Overall Sample
Statistical Significance (Critical Values) at the .05 level

Differences between Subtest T-Scores within Diagnostic Clusters

Discrepancy Comparisons	Score 1	Score 2	Diff.	Critical Value	Sig. Diff. Y/N	Base Rate
SeqO - DigB	40	52	-12	8	Y	5-10%
SIP - RNam	51	38	13	10	Y	10-15%

Base Rate by overall sample
Statistical Significance (Critical Values) at the 0.05 level

Differences between Diagnostic Subtest T-Scores and the Mean T-Score of the Core Subtests

Strengths and Weaknesses	Subtest T-Score	Mean Core T-Score	Diff.	Critical Value	H/L	Base Rate
Recall of Objects - Immediate	40	49	-9	9	L	>15%
Recall of Digits - Forward	53	49	4	7		>15%
Recognition of Pictures	54	49	5	13		>15%
Recall of Sequential Order	40	49	-9	7	L	10-15%
Speed of Information Processing	51	49	2	7		>15%
Recall of Digits - Backward	52	49	3	7		>15%
Phonological Processing	51	49	2	9		>15%
Rapid Naming	38	49	-11	10	L	10-15%

Statistical Significance (Critical Values) at the .05 level

Differences between Subtest T-Scores: DigF vs. DigB

Discrepancy Comparisons	Score 1	Score 2	Diff.	Critical Value	Sig. Diff. Y/N	Base Rate
DigF - DigB	53	52	1	8	N	>15%

Base Rate by overall sample
Statistical Significance (Critical Values) at the 0.05 level

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Differences between Subtest T-Scores: RObl vs. RPic

Discrepancy Comparisons	Score 1	Score 2	Diff.	Critical Value	Sig. Diff. Y/N	Base Rate
RObl - RPic	40	54	-14	14	Y	10-15%

Base Rate by overall sample
Statistical Significance (Critical Values) at the 0.05 level

Differences between Subtest T-Scores: RObl vs. RObD

Discrepancy Comparisons	Score 1	Score 2	Diff.	Critical Value	Sig. Diff. Y/N
RObl - RObD	40	41	-1	11	N

Statistical Significance (Critical Values) at the .10 level

Differences between Phonological Processing Tasks

Discrepancy Comparisons	Ability Score 1	Ability Score 2	Diff.	Critical Value	Sig. Diff. Y/N
Task 1 - Task 2	100	110	-10	33	N
Task 1 - Task 3	100	89	11	26	N
Task 1 - Task 4	100	76	24	27	N
Task 2 - Task 3	110	89	21	26	N
Task 2 - Task 4	110	76	34	27	Y
Task 3 - Task 4	89	76	13	19	N

Statistical Significance (Critical Values) at the .10 level

Differences between Simple and Complex Naming Conditions in Rapid Naming

Discrepancy Comparisons	Ability Score 1	Ability Score 2	Diff.	Critical Value	Sig. Diff. Y/N
Simple Naming - Complex Naming	117	95	22	21	Y

Statistical Significance (Critical Values) at the .10 level

Summary of WIAT-II Subtest Scores

SUBTESTS*	RAW	STD	90% INTERVAL	PR	NCE	S9	AGE EQU	GRADE EQU
Word Reading	26	58	54- 62	0.3	<1	1	5:4	K:0
Reading Comprehension	53**	72	67- 77	3	11	1	<6:0	<1:0
Pseudoword Decoding	6	86	82- 90	18	30	3	5:8	K:9
Numerical Operations	15	106	95- 117	66	58	6	8:0	2:8
Math Reasoning	26	96	89- 103	39	44	4	7:4	2:1
Spelling	11	79	73- 85	8	21	2	6:0	1:1
Written Expression	5	90	81- 99	25	36	4	<7:0	1:2

* WIAT-II age-based normative information was used in the calculation of subtest and composite scores.
** Represents Reading Comprehension weighted raw score.

Summary of WIAT-II Composite and Total Scores

COMPOSITES*	RAW	STD	90% INTERVAL	PR	NCE	S9
Reading	216	69	67- 71	2	6	1

Mathematics	202	100	93- 107	50	50	5
Written Language	169	83	77- 89	13	26	3

* WIAT-II age-based normative information was used in the calculation of subtest and composite scores

Differences Between Composite Standard Scores

COMPOSITES	DIFFERENCE	SIGNIF.	FREQUENCY
Reading/Mathematics	-31	.05*	1.5%
Reading/Written Language	-14	.05*	9.7%
Mathematics/Written Language	17	.05*	9.6%

* significant at the .05 level

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WIAT-II GRAPH OF SUBTEST STANDARD SCORES

STANDARD SCORES
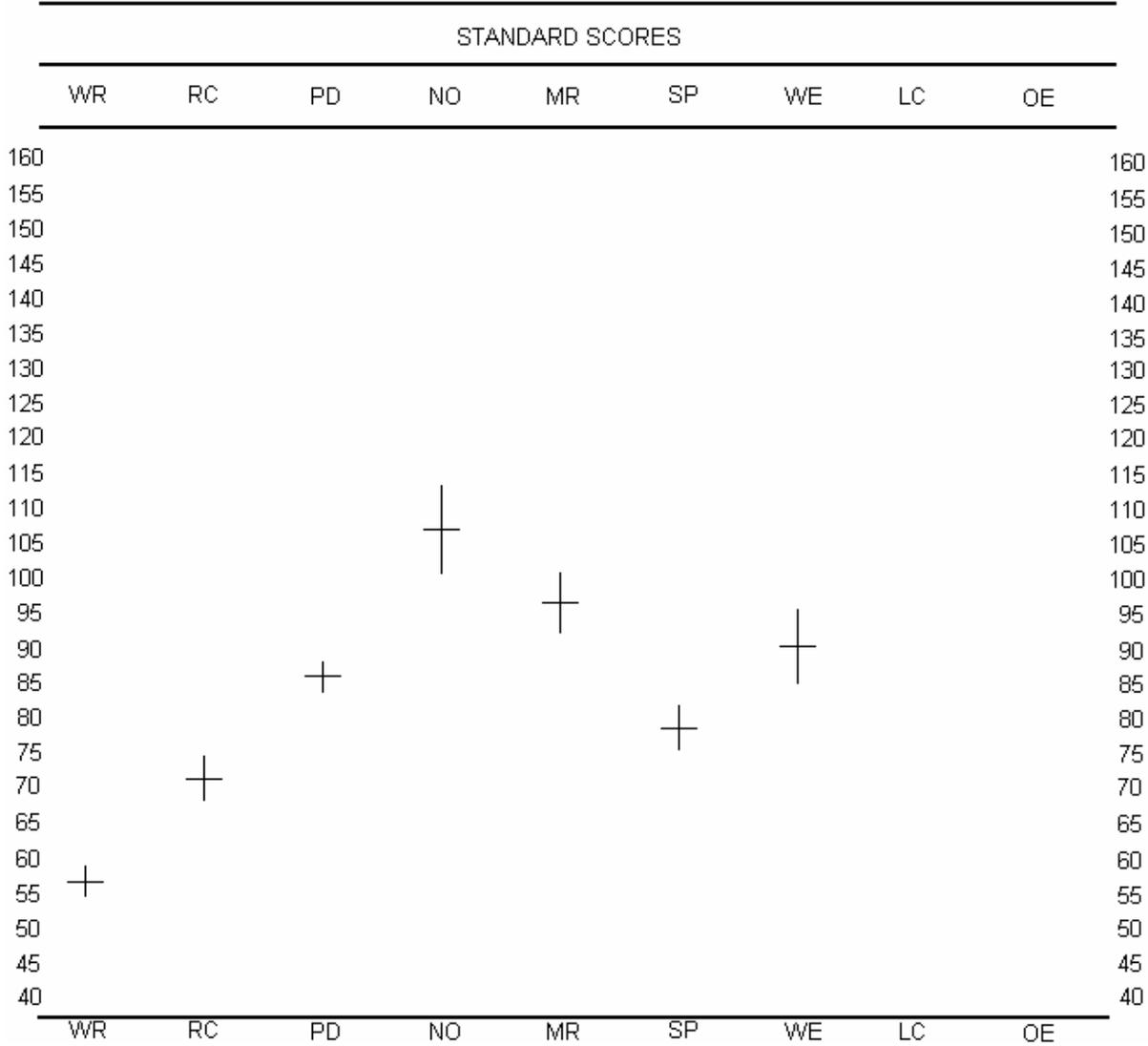
Subtest	SS	SEM	Subtest	SS	SEM
Word Reading (WR)	58	2	Spelling (SP)	79	3
Reading Comprehension (RC)	72	3	Written Expression (WE)	90	5
Pseudoword Decoding (PD)	86	2	Listening Comprehension (LC)		
Numerical Operations (NO)	106	6	Oral Expression (OE)		
Math Reasoning (MR)	96	4			

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Ability-Achievement Discrepancy Analysis
Date of Ability Testing: 1/11/2007
Ability Score Type: GCA
Ability Score: 97

Predicted-Difference Method

	Predicted Score	Actual Score	Expected Diff.	Critical Value	Sig. Diff. Y/N	Base Rate
WIAT-II SUBTEST						
Word Reading	98	58	40	6.37	Y	<1%
Reading Comprehension	98	72	26	7.79	Y	<1%
Pseudoword Decoding	98	86	12	6.03	Y	15-20%
Numerical Operations	98	106	-8	9.73	N	
Math Reasoning	98	96	2	9.5	N	>25%
Spelling	98	79	19	8.02	Y	5-10%
Written Expression	98	90	8	11.59	N	25%
COMPOSITES						
Reading	98	69	29	5.93	Y	<1%
Mathematics	98	100	-2	7.98	N	
Written Language	98	83	15	8.18	Y	10%

Statistical Significance (Critical Values) at the .05 level
Base Rates are not reported when the achievement score equals or exceeds the ability score.

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