

Dyscalculia and Assessment Domains WJ IV

Student Name: _____ ID: _____ School: _____

Age: _____ DOB: _____ Grade: _____ Date: _____

The American Psychiatric Association's Diagnostic and Statistical Manual of Mental Disorders, Fifth Edition (APA, 2013), defines dyscalculia as a specific learning disorder, an impediment in mathematics, evidencing problems with: Number sense; Memorization of arithmetic facts; Accurate and fluent calculation; and Accurate math reasoning.

Author's Note: Dyscalculia is a Specific Learning Disability that interferes with acquiring basic mathematics skills, such as math fact retrieval and mental and paper-and-pencil calculation, and cannot be explained by low intelligence or inadequate schooling (Encyclopedia of Adolescence, 2011). It can manifest in different signs and symptoms according to the individual and their age. Dyscalculia can equally present early or manifest late.

Section I - Scores

Area Tested		Battery	Test Date	Cluster/Test	Low/Below Average SS <40-89 PR<1-24	Average SS 90-110 PR 25-75	High/Above Average SS 111> PR 76>
Measures	Math Reasoning and Problem Solving	WJ-IV ACH		Applied Problems			
				Number Matrices			
	Quantitative Reasoning	WJ-IV COG		Number Series			
				Analysis-Synthesis			
Spatial/Temporal	Scholastic Aptitude Math	WJ-IV COG		Visualization			

Notes:

Memory	Number Facts	WJ-IV ACH		Math Facts Fluency			
				Calculation			
	Fluid Reasoning	WJ-IV COG		Number Series			
				Concept Formation			
				Numbers Reversed			
	Number Facility			Number-Pattern Matching			

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Counting	Math Reasoning and Problem Solving	WJ-IV ACH		Applied Problems			
				Number Matrices			
	Understanding Number Concepts			Calculation			
				Applied Problems			
	Scholastic Aptitude Math	WJ-IV COG		Number Series			
				Oral Vocabulary			
	Quantitative Reasoning			Number Series			
				Analysis-Synthesis			
Notes:							
Calculation	Understanding Numbers and Concepts	WJ-IV ACH		Calculations			
				Applied Problems			
	Number Facts			Math Facts Fluency			
				Calculation			
	Calculation and Mathematical Operations	WJ-IV COG		Calculation			
	Math Reasoning and Problem Solving			Number Matrices			
				Applied Problems			
	Quantitative Reasoning			Number Series			
				Analysis-Synthesis			
	Fluid Reasoning	WJ-IV COG		Number Series			
Numbers	Scholastic Aptitude Math			Concept Formation			
				Visualization			
	Understanding Numbers and Concepts	WJ-IV ACH		Applied Problems			
				Calculations			
	Number Facts			Math Facts Fluency			
	Math Reasoning and Problem Solving			Number Matrices			
				Oral Vocabulary			

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	Scholastic Aptitude Math	WJ-IV COG		Number Series			
				Visualization			
	Number Facility			Numbers Reversed			
				Number-Pattern Matching			

Notes:

Stephens & Grant (2021)