



National Evaluation Series™ Test Framework Worksheet Mathematics (Middle Grades and Early Secondary)

Test Code
105

Notes:

		Multiple-Choice Questions (approx.)	Test Proportion (approx.)				
CONTENT DOMAIN I—MATHEMATICAL PROCESSES AND NUMBER SENSE		29	24%				
Competency	0001	Understand mathematical problem solving.					
	0002	Understand mathematical communication, connections, and reasoning.					
	0003	Understand number theory.					
CONTENT DOMAIN II—PATTERNS, ALGEBRA, AND FUNCTIONS		33	28%				
Competency	0004	Understand relations and functions.					
	0005	Understand linear, quadratic, and higher-order polynomial functions.					
	0006	Understand exponential and logarithmic functions.					
	0007	Understand rational, radical, absolute value, and piece-wise defined functions.					
CONTENT DOMAIN III—MEASUREMENT AND GEOMETRY		29	24%				
Competency	0008	Understand measurement principles and procedures.					
	0009	Understand Euclidean geometry in two and three dimensions.					
	0010	Understand coordinate and transformational geometry.					
CONTENT DOMAIN IV—STATISTICS, PROBABILITY, AND DISCRETE MATHEMATICS		29	24%				
Competency	0011	Understand principles and techniques of statistics.					
	0012	Understand principles and techniques of probability.					
	0013	Understand principles of discrete mathematics.					

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