



Academic year	2025-2026	Term	2
Subject	Math (Reveal)	Grade /stream	8 Advance
Type of questions	MCQ/FRQ	Number of questions	15 MCQ -5FRQ
Exam duration	90 min	Mode of implementation	Paper based

type	Question	outcome	page	Exercise
MCQ	1	Determine whether or not a relation is a function by identifying the number of outputs assigned to each input	261,262	1-6
	2	Generate function tables from function rules and use the sets of ordered pairs to graph the functions.	271	1-3,6
	3	Write linear functions from graphs and tables by finding the rate of change and initial value.	283	1-2
	4	Determine if a function, represented in different forms, is a linear or nonlinear function by using the rate of change, shape of the graph, or structure of the equation.	303	1-5
	5	Determine if a function, represented in different forms, is a linear or nonlinear function by using the rate of change, shape of the graph, or structure of the equation.	304	8
	6	Write equations in slope-intercept form in order to graph them and use the graphs to solve a system of equations.	329	1-5
	7	Use the slope-intercept form of lines in order to determine whether a system of equations has zero, one, or infinitely many solutions.	339	1-6
	8	Use substitution to solve a system of linear equations, including those that have zero or infinitely many solutions.	349	1-6
	9	use elimination to solve a system of linear equations.	361	1-6
	10	Use the relationships between angles formed by two parallel lines cut by a transversal to find the measures of missing angles.	391	1-8
	11	Find the measures of interior angles in a triangle by using relationships between these angles.	403	1-3
	12	Find the measures of exterior angles in a triangle by using relationships between these angles.	403	4-6
	13	Find the measures of the sides of a right triangle using the Pythagorean Theorem and square roots.	415	1-6
	14	Determine if a triangle is a right triangle by using the converse of the Pythagorean Theorem.	421	1-3
	15	Find the distance between two points on a coordinate plane using the Pythagorean Theorem.	427	1-4
FRQ	16	Compare functions that are represented in different ways using their initial values and rates of change.	291	1-3
	17	Use elimination to solve a system of linear equations.	361	7-11
	19	Write and solve a system of equations that models a real-world scenario.	373	1-3
	20	Find the measures of the sides of a right triangle using the Pythagorean Theorem and square roots.	415	1-6