

Academic Year	2024/2025
المعام الدراسي	
Term	1
الفصل	
Subject	Mathematics/Reveal
المادة	الرياضيات/رېڤيل
Grade	7
الصف	
Stream	Advanced
المسار	المتقدم
Number of MCQ	15
عدد الأسئلة الموضوعية	
Marks of MCQ	4
درجة الأسئلة الموضوعية	
Number of FRQ	5
عدد الأسئلة المقالية	
Marks per FRQ	5-10
الدرجات لكل سؤال مقالي	
Type of All Questions	MCQ/ الأسئلة الموضوعية / FRQ/ الأسئلة المقالية
نوع كافة الأسئلة	
Maximum Overall Grade	100
الدرجة القصوى للمكان	
Exam Duration	150 minutes
مدة الامتحان	
Mode of Implementation	SwiftAssess & Paper-Based
طريقة التطبيق	
Calculator	Not Allowed
الآلة الحاسبة	غير مسموحة

Question*	Learning Outcome/Performance Criteria**	Reference(s) in the Student Book (Arabic Version)	
		Example/Exercise	Page
السؤال*	نتائج التعلم / معايير الأداء**	مثال/تمرين	الصفحة
الأسئلة المقالية - FRQ	1 Determine if a relationship is proportional by analyzing its graph. Explain what the points (0, 0) and (1, 1) mean on the graph of a proportional relationship.	1-4	39
	2 Find unit rates when one or both quantities are fractions.	9-14	12
	3 Use proportional relationships to find the amount of commission earned on sales and the amount of fees for certain services.	9-14	114
	4 Use the order of integer operations to evaluate expressions.	1-14	169
	5 Use the rules for multiplying integers to multiply rational numbers.	1-14	211
الأسئلة الموضوعية - MCQ	6 Use models and ratio reasoning to understand how a proportional relationship can exist between quantities.	1-7 3,4	19 59
	7 Determine whether two quantities shown in a table are in a proportional relationship by testing for equivalent ratios.	1-8	29
	8 Write equations to represent proportional relationships.	8-13	48
	9 Solve problems involving proportional relationships by making a table, using a graph, or writing an equation.	7-12	56
	10 Use the simple interest formula to find the amount of interest earned for a given principal, at a given interest rate, for a given period of time.	1-10	105
	11 Use proportional relationships to solve percent of change problems.	1-10 1-2	71 123
	12 Use proportional relationships to find the amount of tax charged for an item.	1-9	81
	13 Use proportional relationships to find the amount to pay for a tip and the amount of markup on items.	1-10	89
	14 Use proportional relationships to find the amount of discount or markdown.	1-10	97
	15 Use different methods, including algebra tiles, number lines, or absolute value, to add integers.	1-14	137
	16 Use different methods, including algebra tiles, number lines, or the additive inverse, to subtract integers.	1-15	147
	17 Use number lines and mathematical properties to multiply integers. Use a related multiplication sentence to divide integers.	1-13 1-12	157 165
	18 Convert fractions to decimal equivalents using division.	1-12	183
	19 Find the additive inverse of a rational number.	1-14	195
	20 Subtract rational numbers by adding the additive inverse.	1-12	201
*	Questions might appear in a different order in the actual exam, or on the exam paper in the case of G3, G4 and G5.		
*		قد تظهر الأسئلة بترتيب مختلف في الامتحان الفعلي، أو على ورقة الامتحان في حالة الصفوف G3، G4 و G5	
**	As it appears in the textbook, LMS, and (Main_IP).		
**		كما وردت في كتاب الطالب وLMS والخطة الفصلية.	