

Academic Year	2023/2024
العام الدراسي	
Term	1
الفصل	
Subject	Mathematics/Reveal
المادة	الرياضيات/ريفييل
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	(6-11)
الدرجات لأسئلة المقالية	
Type of All Questions	MCQ/ الأسئلة الموضوعية / FRQ/ الأسئلة المقالية
نوع كافة الأسئلة	
Maximum Overall Grade	100
الدرجة القصوى الممكنة	
Exam Duration	150 minutes
مدة الامتحان	
Mode of Implementation	Swift/Assess & Paper-Based
طريقة التطبيق	
Calculator	Not Allowed
الآلة الحاسبة	غير مسموحة

Question*	Learning Outcome/Performance Criteria**	Reference(s) in the Student Book (Arabic Version)	
		المرجع في كتاب الطالب (النسخة العربية)	Page
السؤال*	نتائج التعلم / معايير الأداء**	Example/Exercise مثال/تمرين	الصفحة
الأسئلة الموضوعية - MCQ	1 Find unit rates when one or both quantities are fractions	1-8	11
	2 Determine whether two quantities shown in a table are in a proportional relationship by testing for equivalent ratios	1-10	29-30
	3 Explain what the points (0, 0) and (1, r) mean on the graph of a proportional relationship	1-4	39
	4 Determine if a relationship is proportional by analyzing its graph	6-9	40
	5 Use proportional relationships to solve percent of change problems	1-10	71
	6 Use proportional relationships to find the amount of discount or markdown	1-5	97
	7 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
	8 Use proportional relationships to solve percent error problems	1-8	119
	9 Use different methods, including algebra tiles, number lines, or absolute value, to add integers	17-20	138
	10 Use different methods, including algebra tiles, number lines, or the additive inverse, to subtract integers	10-15	147
	11 Use number lines and mathematical properties to multiply integers	1-13	157
	12 Use a related multiplication sentence to divide integers	1-12	165
	13 Convert fractions to decimal equivalents using division	1-12	183
	14 Find the additive inverse of a rational number	1-4	195
	15 Subtract rational numbers by adding the additive inverse	10-15	201
الأسئلة المقالية - FRQ	16 Write equations to represent proportional relationships and identify the constant of proportionality in the equation representing a proportional relationship	8-13	48
	17 Solve problems involving proportional relationships by making a table, using a graph, or writing an equation.	7-12	56
	18 Use proportional relationships to find the amount of tax charged for an item / Use proportional relationships to find the amount to pay for a tip and the amount of markup on items / Use proportional relationships to find the amount of discount or markdown	1-9 1-5 / 1-12	81 89 / 97-98
	19 Use the order of integer operations to evaluate expressions	15-20	170
	20 Use the rules for multiplying integers to multiply rational numbers	15-20	212
*	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 G4، G3 و G5		
**	As it appears in the textbook, LMS, and (Main_IP).		
**	كما وُدت في كتاب الطالب وLMS والخطة التعليمية.		