

Academic Year	2024/2025
العام الدراسي	
Term	1
الفصل	
Subject	Mathematics/Reveal
المادة	الرياضيات/إيرفيل
Grade	7
الصف	
Stream	General
المسار	العام
Number of MCQ	15
عدد الأسئلة الموضوعية	

Marks of MCQ	4
درجة الأسئلة الموضوعية	
Number of FRQ	5
عدد الأسئلة المقالية	
Marks per FRQ	(4-10)
الدرجات الأسئلة المقالية	
Type of All Questions	MCQ/ الأسئلة الموضوعية / FRQ/ الأسئلة المقالية
نوع كافة الأسئلة	
Maximum Overall Grade	100
الدرجة القصوى الممكنة	
Exam Duration - مدة الامتحان	150 minutes
طريقة التطبيق	SwiftAssess & Paper-Based
Mode of Implementation	
Calculator	Not Allowed
آلة الحاسبة	غير مسموحة

Question*	Lesson**	Reference(s) in the Student Book (Arabic Version)	
		المرجع في كتاب الطالب (النسخة العربية)	Page
السؤال*	الدرس**	Example/Exercise	مثال /تمرين
الأسئلة المقالية - FRQ	1	Determine if a relationship is proportional by analyzing its graph.	1-439
	2	Write equations to represent proportional relationships.	1-647
	3	Use proportional relationships to find the amount of tax charged for an item.	1-881
	4	Use proportional relationships to solve percent error problems.	1-7119
	5	Use the order of integer operations to evaluate expressions.	7-12168
	6	Add rational numbers. Use the rules for dividing integers to divide rational numbers.	7-14195 13-15219
الأسئلة الموضوعية - MCQ	7	Use models and ratio reasoning to understand how a proportional relationship can exist between quantities.	1-719 3,459
	8	Determine whether two quantities shown in a table are in a proportional relationship by testing for equivalent ratios.	1-829
	9	Identify the constant of proportionality in the equation representing a proportional relationship.	8-1348
	10	Solve problems involving proportional relationships by making a table, using a graph, or writing an equation.	7-1256
	11	Find unit rates when one or both quantities are fractions.	1 - 811
	12	Use proportional relationships to solve percent of change problems.	1-1071 1-2123
	13	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.	1-10105
	14	Use proportional relationships to find the amount to pay for a tip and the amount of markup on items.	1 - 1089
	15	Use proportional relationships to find the amount of discount or markdown.	1-1097
	16	Use different methods, including algebra tiles, number lines, or absolute value, to add integers.	1-14137
	17	Use different methods, including algebra tiles, number lines, or the additive inverse, to subtract integers.	1-15147
	18	Use number lines and mathematical properties to multiply integers. Use a related multiplication sentence to divide integers.	1-13157 1-12165
	19	Convert fractions to decimal equivalents using division.	1-12183
	20	Find the additive inverse of a rational number.	1-4195
	21	Subtract rational numbers by adding the additive inverse.	1-12201
<p>* Questions might appear in a different order in the actual exam, or on the exam paper in the case of G3, G4 and G5.</p> <p>* قد تظهر الأسئلة بترتيب مختلف في الامتحان الفعلي، أو على ورقة الامتحان في حالة الصفوف G3، G4، G5</p>			
<p>** As it appears in the textbook, UMS, and (Main IP).</p> <p>كما وردت في كتاب الطالب و UMS والخطة القصديرية.</p>			