

Academic Year	2025/2026
السنة الدراسية	
Term	1
المصطلح	
Subject	Mathematics/Reveal
المادة	الرياضيات/ريفيال
Grade	7
الصف	
Stream	General
النوع	العام
Number of MCQ	20
عدد الأسئلة الموضوعية	
Marks of MCQ	3
درجة الأسئلة الموضوعية	
Number of FRQ	5
عدد الأسئلة المقالية	
Marks per FRQ	(4-12)
الدرجات للأسئلة 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	SwiftAssess & Paper-Based
طريقة التطبيق	
Calculator	Not Allowed
الآلة الحاسبة	غير مسموحة

Question*	Learning Outcome/Performance Criteria**	Reference in the Student Book	
		المرجع في كتاب الطالب	
		Example/Exercise	Page
السؤال*	نتائج التعلم / معايير الأداء**	مثال/تمرين	الصفحة
الأسئلة الموضوعية - MCQ	1	Find unit rates when one or both quantities are fractions	1 to 6 11
	2	Use models and ratio reasoning to understand how a proportional relationship can exist between quantities	1 to 7 19
	3	Determine if a relationship is proportional by analyzing its graph	1 to 2 39
	4	Find the constant of proportionality from graph	3 to 4 39
	5	Write equations to represent proportional relationships	3 to 6 47
	6	Use proportional relationships to find the amount of tax charged for an item	1 to 5 81
	7	Use proportional relationships to find the amount to pay for a tip and the amount of markup on items	11 to 14 90
	8	Use proportional relationships to find the amount of discount or markdown	1 to 9 97
	9	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 to 7 105
	10	Use proportional relationships to find the amount of commission earned on sales and the amount of fees for certain services	1 to 6 113
	11	Use different methods, including algebra tiles, number lines, or absolute value, to add integers	1 to 8 137
	12	Use different methods, including algebra tiles, number lines, or the additive inverse, to subtract integers	1 to 9 147
	13	Use number lines and mathematical properties to multiply integers	1 to 9 157
	14	Use the order of integer operations to evaluate expressions	1 to 6 169
	15	Convert fractions to decimal equivalents using division	1 to 12 183
	16	Find the additive inverse of a rational number	1 to 6 195
	17	Add rational numbers	7 to 14 195
	18	Use the rules for multiplying integers to multiply rational numbers	1 to 6 211
	19	Use the rules for dividing integers to divide rational numbers	1 to 12 219
	20	Add, subtract, multiply, and divide rational numbers	1 to 6 225
الأسئلة المقالية - FRQ	21	Determine whether two quantities shown in a table are in a proportional relationship by testing for equivalent ratios	1 to 8 29
	22	Use proportional relationships to solve percent of change problems	1 to 8 71
	23	Use number lines and mathematical properties to multiply integers	10 to 13 157
		Use a related multiplication sentence to divide integers	7 to 12 165
	24	Find the additive inverse of a rational number	1 to 6 195
	25	Subtract rational numbers by adding the additive inverse	Learn 197
			1 to 12 201
* Questions might appear in a different order in the actual exam.			
* قد تظهر الأسئلة بترتيب مختلف في الامتحان الفعلي.			
** As it appears in the textbook, LMS, and (Main JP).			
** كما وردت في كتاب الطالب وLMS والخطة القصديرية.			