Academic Year العام الدراسي	2023/2024
Term الفصل	3
Subject المادة	Mathematics/Reveal الرياضيات/ريفيل
Grade الصف	8
Stream المسار	General العام
Number of MCQ عدد الأسئلة الموضوعية	15
Marks of MCQ درجة الأسئلة الموضوعية	4
Number of FRQ عدد الأسئلة المقالية	5
Marks per FRQ الدرجات للأسئلة المقالية	
Type of All Questions نوع كافة الأسئلة	MCQ/ الأسئلة الموضوعية FRQ/ الأسئلة المقالية
Maximum Overall Grade الدرجة القصوى الممكنة	100
Exam Duration - مدة الامتحان	150 minutes
Mode of Implementation -طريقة التطبيق	SwiftAssess & Paper-Based
Calculator الآلة الحاسبة	Not Allowed غير مسموحة

	Question* السؤال*	Learning Outcome/Performance Criteria** ناتج التعلم/ معايير الأداء**	Reference(s) in the Student Book (English Version) المرجع في كتاب الطالب (النسخة الانجليزية) Example/Exercise مثال/تمرين	Page الصفحة
MCQ - الأسئلة الموضوعية	1	Use a composition of transformations, as well as the orientation of figures, to determine if two figures are congruent.	1 to 5	491
	2	Use a composition of transformations, as well as the orientation of figures, to determine if two figures are congruent.	1 to 5	491
	3	Use the properties of rotations, reflections, and translations to identify congruent parts of congruent figures and to find missing measures.	1 to 8	499 +500
	4	Use properties of similar figures to determine similarity and to find missing measures.	1 to 7	521
	5	Use properties of similar figures to determine similarity and to find missing measures.	1 to 7	521
	6	Use properties of similar triangles to solve indirect measurement problems	1 to 11	527 + 528
	7	Use the formula for the volume of a cylinder to find the volume of a cylinder given its diameter or radius and the height.	1 to 7	541
	8	Use the formula for the volume of a cone to find the volume of a cone given its diameter or radius and the height.	1 to 8	549
	9	Use the formula for the volume of a cone to find the volume of a cone given its diameter or radius and the height.	1 to 14	549 + 550
	10	Use the formula for the volume of a sphere or hemisphere to find the volume of the figure given its radius or diameter.	1 to 8	557
	11	Use the formula for the volume of a sphere or hemisphere to find the volume of the figure given its radius or diameter.	1 to 8	557
	12	Use the formula for the volume of a cylinder to find the volume of a cylinder given its diameter or radius and the height.	1 to 7	541
		Use the formula for the volume of a cone to find the volume of a cone given its diameter or radius and the height.	1 to 8	549
		Use the formula for the volume of a sphere or hemisphere to find the volume of the figure given its radius or diameter.	1 to 8	557
	13	Use a set of bivariate data to construct a scatter plot and describe the association as positive or negative and as linear or nonlinear.	1 to 3	589
	14	Use a scatter plot to draw a line that closely fits the data and predict values that are not present in the original data set.	1 to 4	597
	15	Construct and interpret a two-way table using relative frequencies.	1 to 3	617
FRQ - الأسئلة المقالية	16	Use the properties of rotations, reflections, and translations to identify congruent parts of congruent figures and to find missing measures.	1 to 6	499
	17	Determine if two figures are similar by determining a sequence of rotations, reflections, translations, and dilations that maps one similar figure onto another.	1 to 5	511
	18	Use the formula for the volume of a cylinder to find the volume of a cylinder given its diameter or radius and the height.	1 to 9	541 + 542
	19	Use a set of bivariate data to construct a scatter plot and describe the association as positive or negative and as linear or nonlinear.	1 to 3	589
	20	Construct and interpret a two-way table using relative frequencies.	1 to 3	617

*	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_IP).
**	كما وردت في كتاب الطالب وLMS والخطة الفصلية .