# **Lesson Review**

#### **Learning Objectives**

Please list the learning objectives of this module that you have achieved: I certified that I am able to:

- Identify and explain the different properties of a binary relation.
- Identify equivalence relations and their equivalence classes.
- Identify different types of graphs.

### Learning Review

Please complete the table below (refer to the attached Learning Process table).

Learning Objective	Concept	Step	Strategy	Resource	Reflection	Learning
	What concept / key- word did you focus on?		apply? Why did you	use? Why did you choose this? Did it		Generalise: what you learned that could be applied in the future in a different context
Binary Relation	Identify and explain the different proper- ties of a binary rela- tion.	ldentify	Identify Concepts and make a list of resources needed	Unit Site Content		
		Making Sense	Read Text and Site Content, watch lec- ture videos, watch and follow external videos	Prescribed Text Book		
				Recorded Lectures		
		Making Meaning	Attempt practical questions, verify answers against online tools to identify any mistakes and try again	External Videos		

Equivalence Classes	Identify equivalence relations and their equivalence classes	Identify	Identify Concepts and make a list of re- sources needed	Unit Site content Prescribed Text Book Recorded Lectures External Videos	
		Making Sense	Read Text and Site Content, watch lec- ture videos, watch and follow external videos		
		Making Meaning	Attempt practical questions, verify answers against online tools to identify any mistakes and try again		
	Identify different types of graphs.	Identify	Identify Concepts and make a list of re- sources needed	Unit Site content Prescribed Text Book Recorded Lectures External Videos	
Graphs		Making Sense	Read Text and Site Content, watch lec- ture videos, watch and follow external videos		
		Making Meaning	Attempt practical questions, verify answers against online tools to identify any mistakes and try again		

### Learning Evidence

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-9	relations Egrafs
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3	NOT anti (5 generic (1,3) and (3,1) 1 = 3
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*	NOT Reflexes - missurs (11) (33) (44)
•	NOT Reflexive - missing (1,1), (3,3), (4,4) NOTS gometric (3,4) ER but (4,3) € R
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	Transitive - no propose to fure otherwise.
	(3) R = {(1,2, (2,4),(4,1), (4,2)
	NOT reflexive - missey (1,2), (2,2), (3,3), (.
	Not Spuretile €R (1,2) \$R (2,1)
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-3		
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-3		NOT my. The (1,2)(2,3) NOT (1,3)
-3		Not mg. The (1,2/52,3) NOT (1,3)
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L		NOT AMTI Squerie (1,4) (4,1) ER but 144 NOT Transitive (14) (4,1) ER but 1/1 ER.
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#### Self-Assessment evidence

# **Relations and Graphs**

Click on a question number to see how your answers were marked and, where available, full solutions.

Question Number	Score		
Relations			
1	8	/	10
2	8	/	10
3	8	/	10
Graphs			
4	10	/	10
5	10	/	10
6	10	/	10
Total	54	/	60 (90%)

# Performance Summary

Exam Name:	Relations and Graphs
Session ID:	02136012763
Exam Start:	Wed May 06 2020 14:38:02
Exam Stop:	Wed May 06 2020 14:39:23
Time Spent:	0:01:19