

# Exercises I

Entity set	(a) Has a relationship with	(b) Has an attribute that is	(c) Is a specialisation of	(d) Is a generalisation of	Entity set or Attribute
Mother	X	X	✓ (mother is a Person)	X	Person
Daughter	✓ "child of" for example	X	X	X	Mother
Student	X	X	✓ (student is a Person)	X	Person
Student	X	✓ (Student may have this identifier)	X	X	Student_id
School	✓ "enrolled" for example	X student is entity	X	X	Student
School	✓ "part-of" "has-a"	X	X	X	Class room
Animal	X	X	X	✓ horse is animal	Horse
Horse	X	✓ characterizes horse	X	X	Breed
Horse	X	✓ characterizes horse	X	X	Age
Employee	X	✓ characterizes employee	X	X	SSN
Furniture	X	X	X	✓ chair is a furniture	Chair
Chair	X	✓ characterizes chair	X	X	Weight
Human	X	X	X	✓ woman is a human	Woman
Soldier	X	X	✓ is Person	X	Person
Enemy combatant	X	X	✓ is Person	X	Person