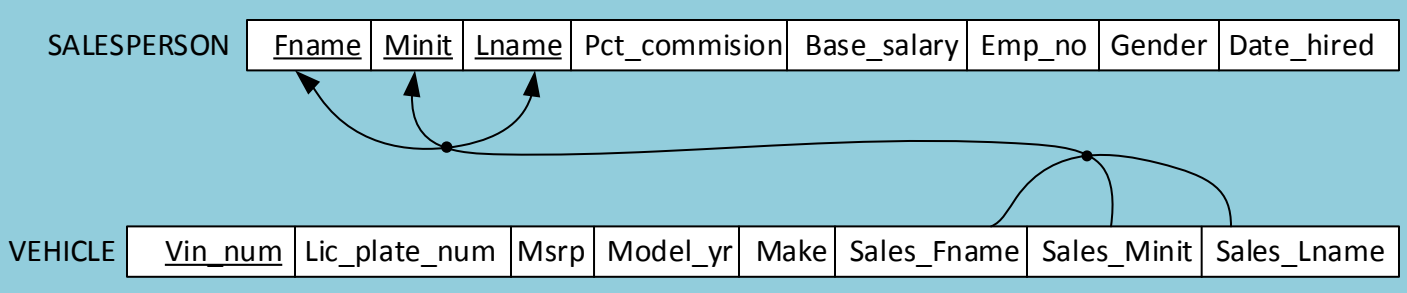
You only had to do one of the following three solutions for problem 23:

23a. directed arcs



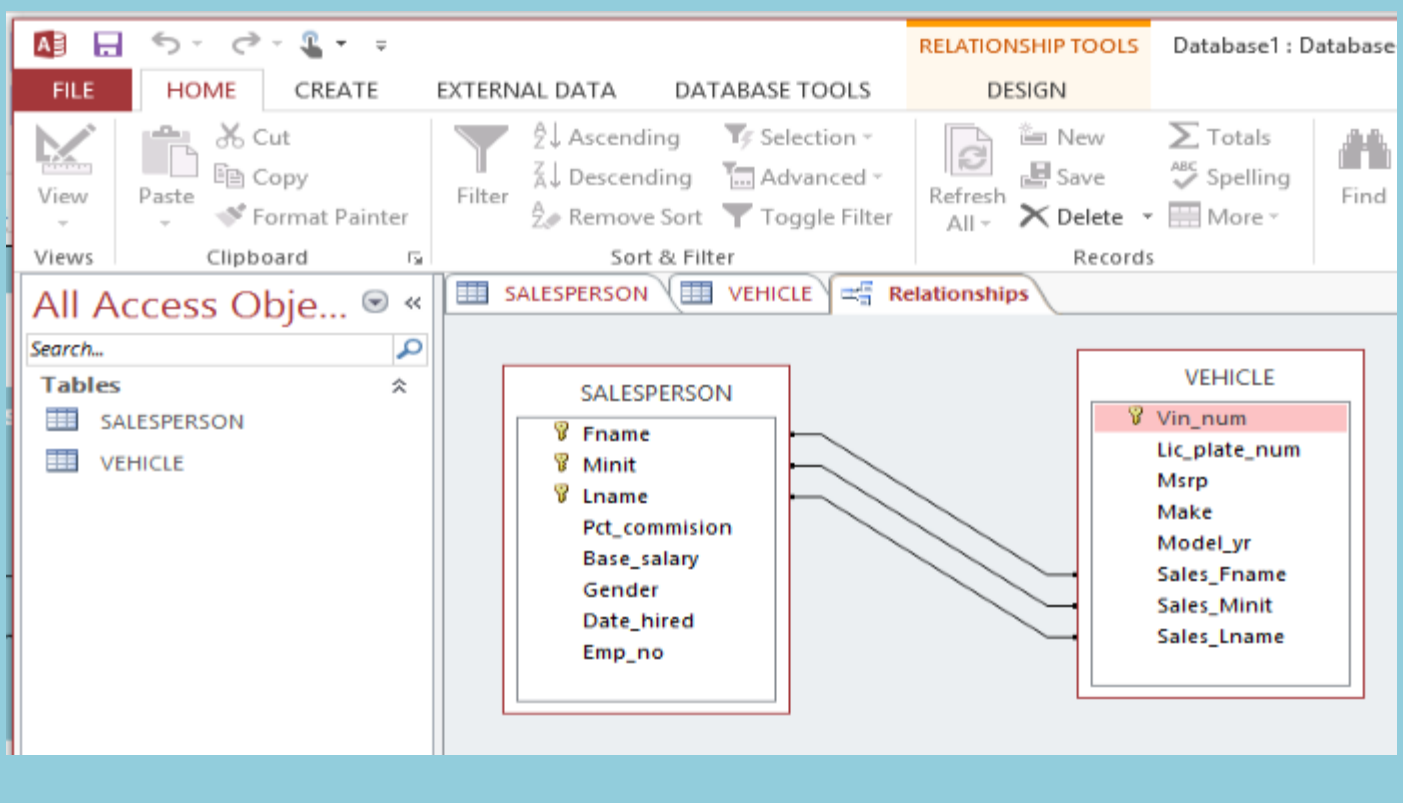
23b. in terms of inclusion dependencies

SALESPERSON(Fname, Minit, Lname, Pct_commision, Base_salary, Emp_no, Gender, Date_hired)

VEHICLE(Vin_num, Lic_plate_num, Msrp, Model_yr, Make, Sales_Fname, Sales_Minit, Sales_Lname)

VEHICLE.{Sales_Fname, Sales_Minit, Sales_Lname} $\subseteq$ SALESPERSON.{Fname, Minit, Lname} or $\varnothing$

23c. from MS Access



24. Metadata for Relation Schema in problem 23

ENTITY_TYPE	NAME	DATATYPE	DATASIZE	PRECISION	REQUIRED?	COMMEN
SALESPERSON	Fname	Alphabetic	20		Y	
SALESPERSON	Minit	Alphabetic	1		N	
SALESPERSON	Lname	Alphabetic	20		Y	
SALESPERSON	Pct_commision	Numeric	2	2	N	
SALESPERSON	Base_salary	Numeric	6	0	Y	
SALESPERSON	Date_hired	Date	8		Y	
SALESPERSON	Gender	Alphabetic	1		Y	
VEHICLE	Vin_num	Alphabetic	30		Y	unique id
VEHICLE	Lic_plate_num	Alphabetic	7		Y	
VEHICLE	Msrp	Numeric	7	2	Y	
VEHICLE	Model_yr	Numeric	4		Y	
VEHICLE	Make	Alphabetic	13		Y	
VEHICLE	Sales_Fname	Alphabetic	20		Y	
VEHICLE	Sales_Minit	Alphabetic	1		N	
VEHICLE	Sales_Lname	Alphabetic	20		Y	