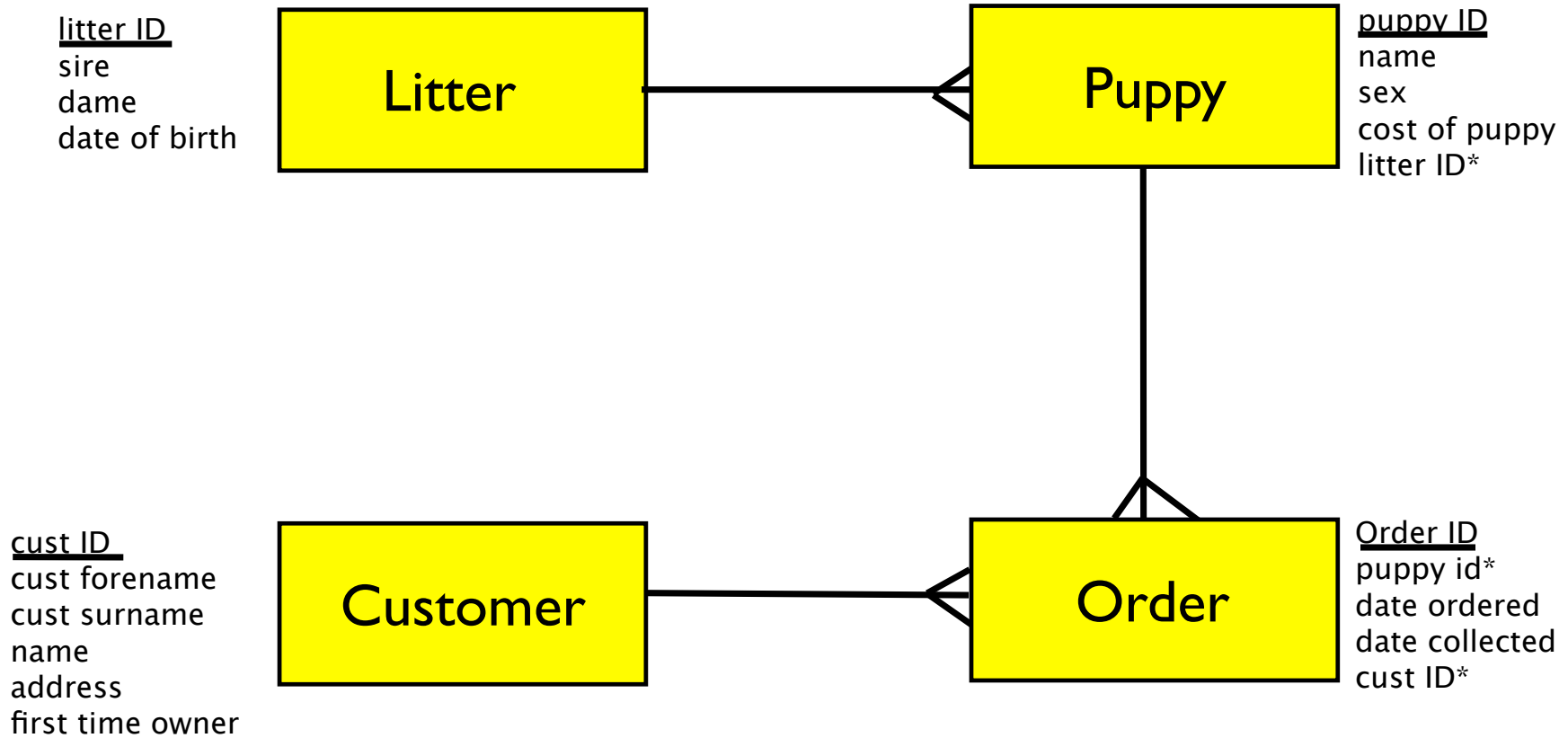


ENTITY RELATIONSHIP DIAGRAM



- One litter contains many puppies
- One puppy is involved in many transactions
- One customer makes many transactions

Data Dictionary

Entity	Attribute	PK/FK	Data Type	Unique	Req'd	Validation	Format
Customer	Cust ID	PK	Number	Yes	Yes	> 0 and < 1000	
	Cust name		Text (20)	No	Yes		
	Address		Text (40)	No	Yes		
	First time owner		Text (3)	No	Yes	restrict from Yes, No	drop down list
Litter	Litter ID	PK	Number	Yes	Yes	> 0 and < 1000	
	Date of birth		Date	No	Yes		dd/mm/yyyy
	Sire		Text (15)	No	Yes		
	Dame		Text (15)	No	Yes		
Order	Puppy ID	PK/FK	Number	No	Yes	Value from puppy	drop down list
	Date ordered		Date	No	Yes		dd/mm/yyyy
	Date collected		Date	No	Yes		dd/mm/yyyy
	Cust ID	PK/FK	Number	No	Yes	Value from customer	drop down list
Puppy	Puppy ID	PK	Number	Yes	Yes	> 0 and < 1000	
	Puppy name		Text (15)	No	Yes		
	Sex		Text (1)	No	Yes	Restrict from M, F	drop down list
	Cost of puppy		Number	No	Yes	>0 and <1000	currency
	Litter ID	FK	Number	No	Yes	Value from litter	drop down list