Question 1

NOTE: 8a,8b and 8c are all seperate exaples they just pull from
the same SailingID and Port_Location attribute values

Port_Locations

Company	ShipName	PortLocation

Disney(8b)

Company	ShipName	FlagReg	Captain	NumOfCrew	DeptDate	ReturnDate	ThemePArkVisited

Transatlantic(8b)

Company	ShipName	FlagReg	Captain	NumOfCrew	DeptDate	ReturnDate	VisaRequired

River(8b)

Company	ShipName	FlagReg	Captain	NumOfCrew	DeptDate	ReturnDate	Season

Cruise(8c)

Company	ShipName	FlagReg	Captain	NumOfCrew	DeptDate	ReturnDate	SpecialType	ThemeParkVisited	VisaReqiuired	Season

Cruise(8d)

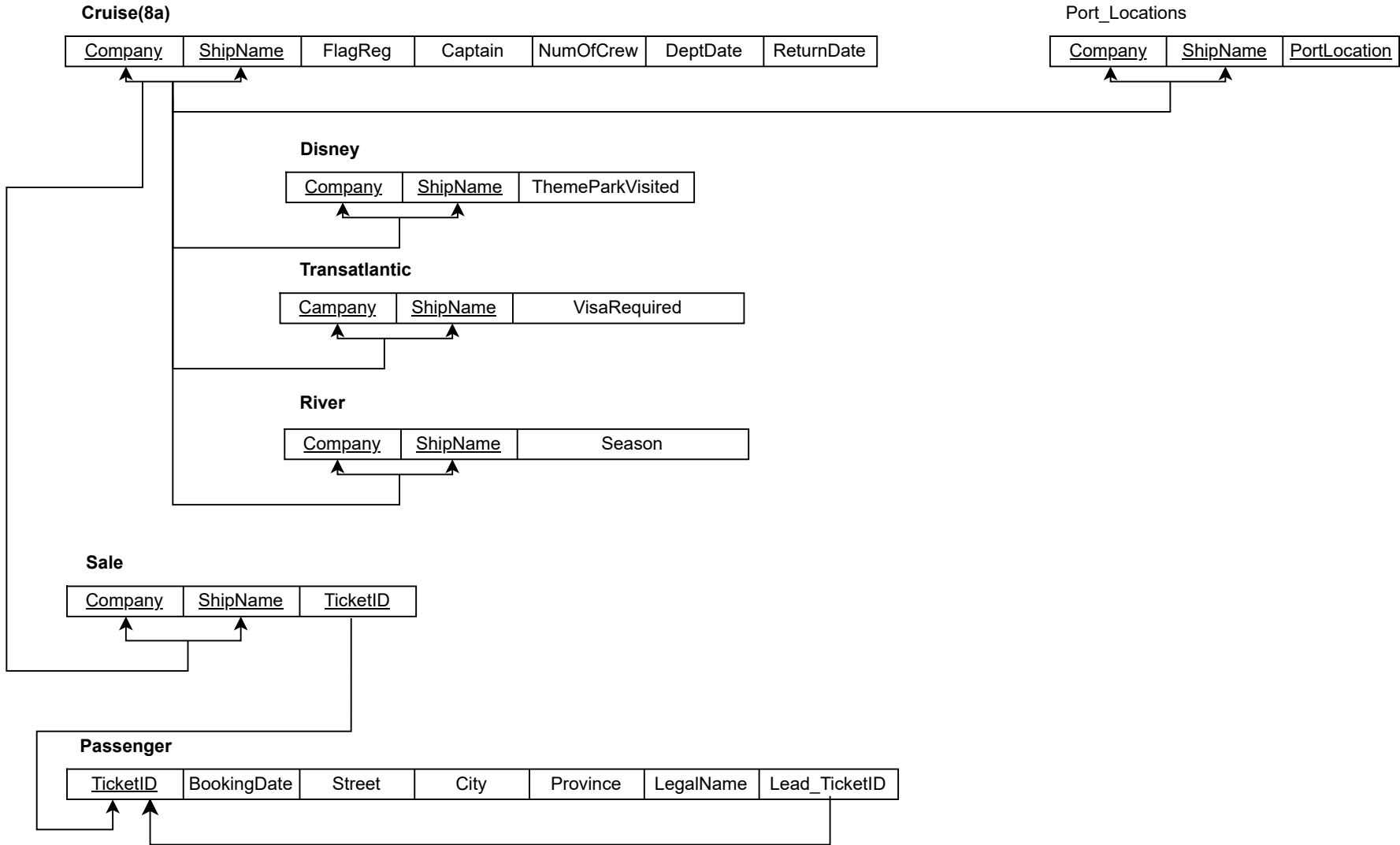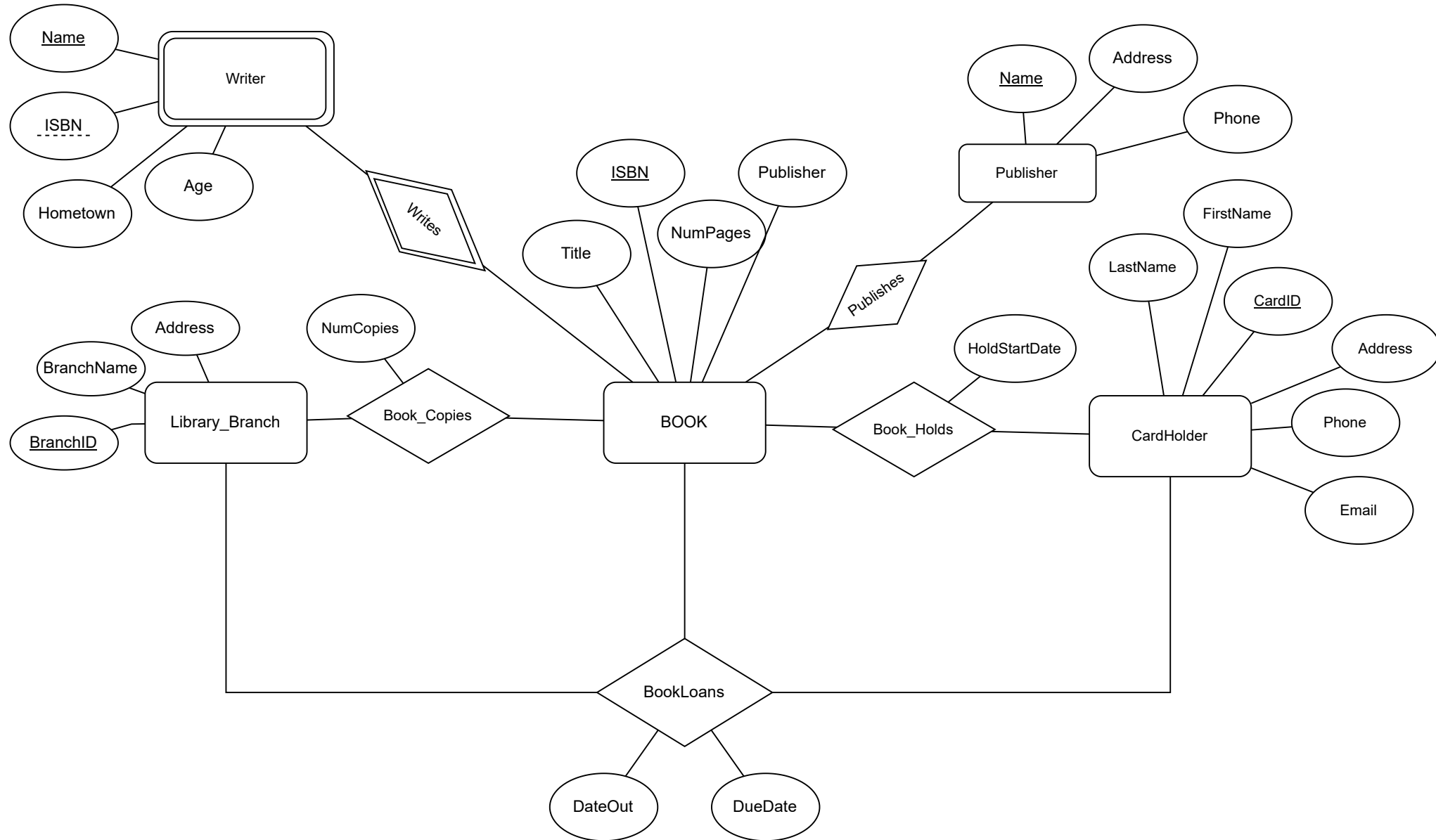| Company	ShipName	FlagReg	Captain	NumOfCrew	DeptDate	ReturnDate	Tflg	ThemeParkVisited	Vflg	VisaReqiuired	Sflg	Season

Cruise(8a)

Company	ShipName	FlagReg	Captain	NumOfCrew	DeptDate	ReturnDate

Port_Locations

Company	ShipName	PortLocation

Disney

Company	ShipName	ThemeParkVisited

Transatlantic

Campany	ShipName	VisaRequired

River

Company	ShipName	Season

Sale

Company	ShipName	TicketID

Passenger

TicketID	BookingDate	Street	City	Province	LegalName	Lead_TicketID

Question 2

Writer (weak entity, double-bordered rectangle)
- Name (partial key, underlined)
- ISBN (dashed underline)
- Age
- Hometown

Writes (double-bordered diamond)

Publisher (entity)
- Name (key, underlined)
- Address
- Phone

Publishes (diamond)

BOOK (entity)
- ISBN (key, underlined)
- Title
- NumPages
- Publisher

Library_Branch (entity)
- BranchName
- Address
- BranchID (key, underlined)

Book_Copies (diamond)
- NumCopies

Book_Holds (diamond)
- HoldStartDate

CardHolder (entity)
- FirstName
- LastName
- CardID (key, underlined)
- Address
- Phone
- Email

BookLoans (diamond)
- DateOut
- DueDate

Assumptions:
- Writer is a weak entity of Book with partial key "Name". The Database will not store writers if there isnt a book associated.
- Publisher is considered to be a strong entity with primary key "Name", assume that each publisher has a unique name.