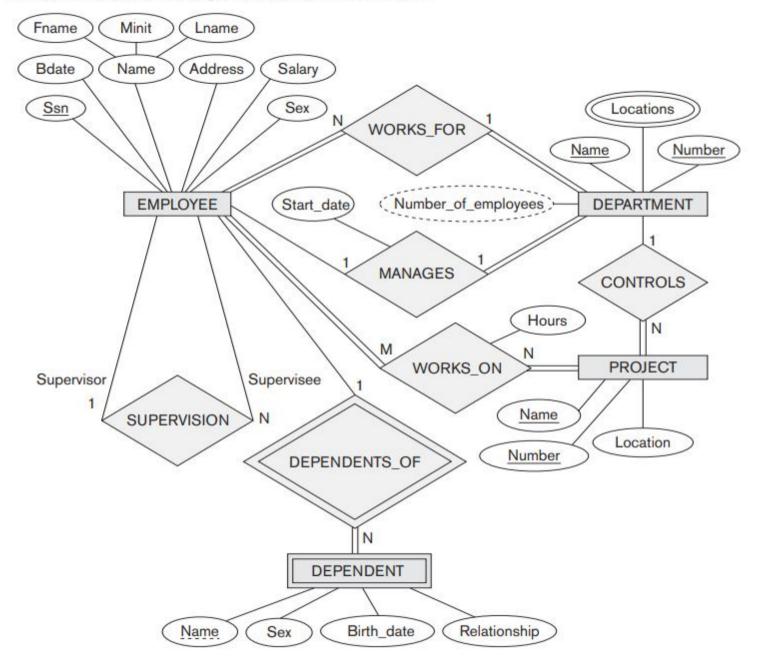
Figure 9.1
The ER conceptual schema diagram for the COMPANY database.



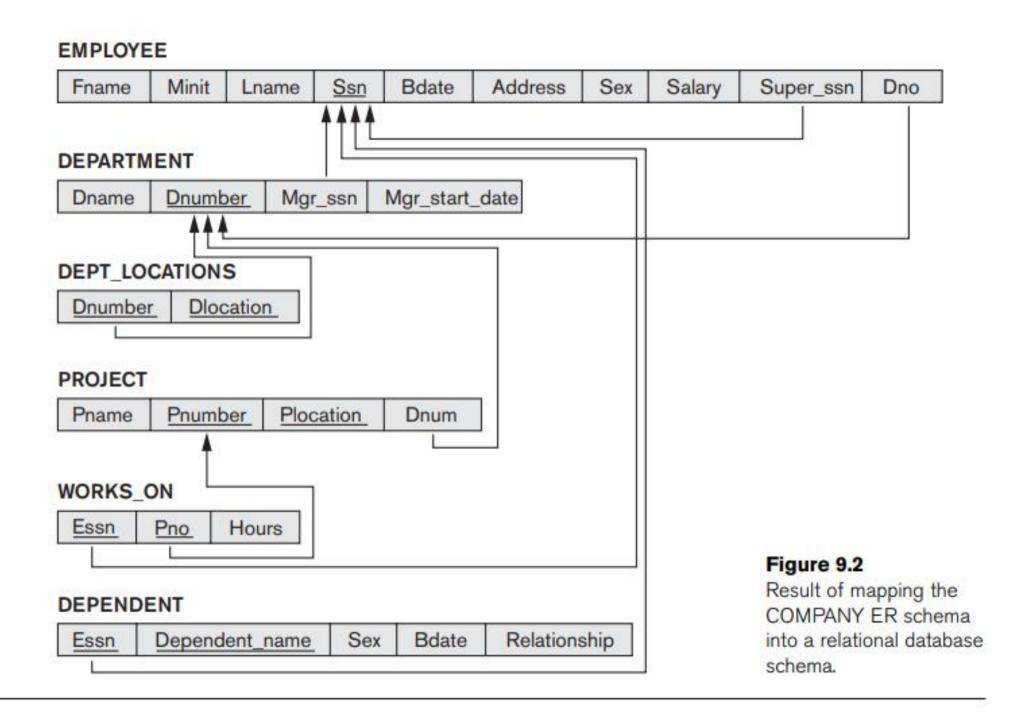
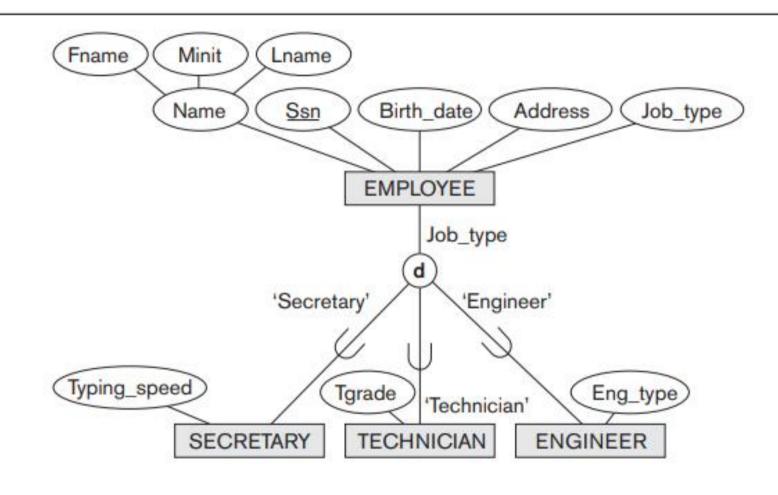
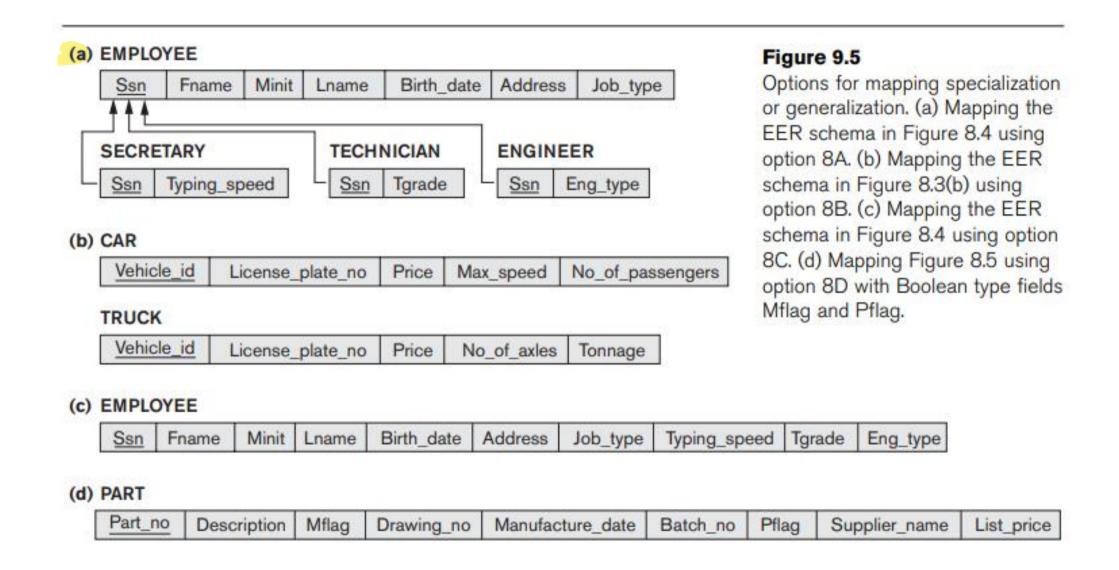


Figure 8.4

EER diagram notation for an attribute-defined specialization on Job_type.



⁶Such an attribute is called a discriminator in UML terminology.



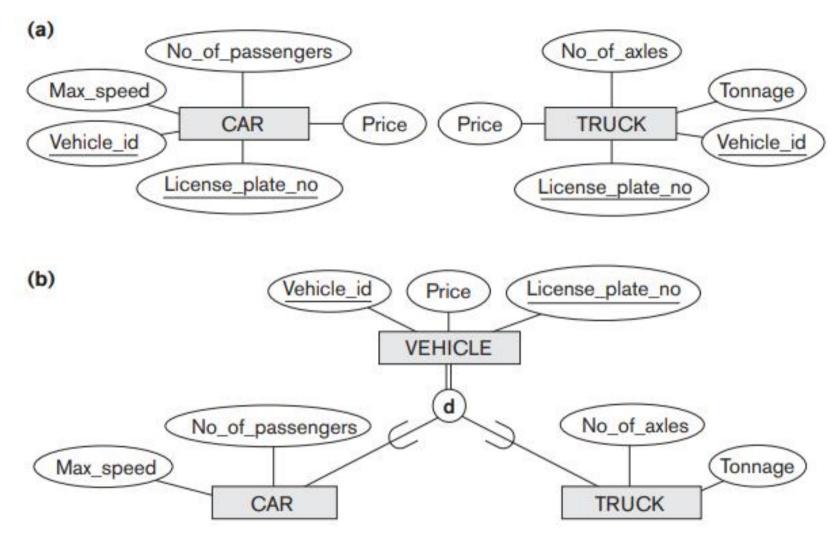


Figure 8.3
Generalization. (a) Two entity types, CAR and TRUCK. (b)
Generalizing CAR and TRUCK into the superclass VEHICLE.

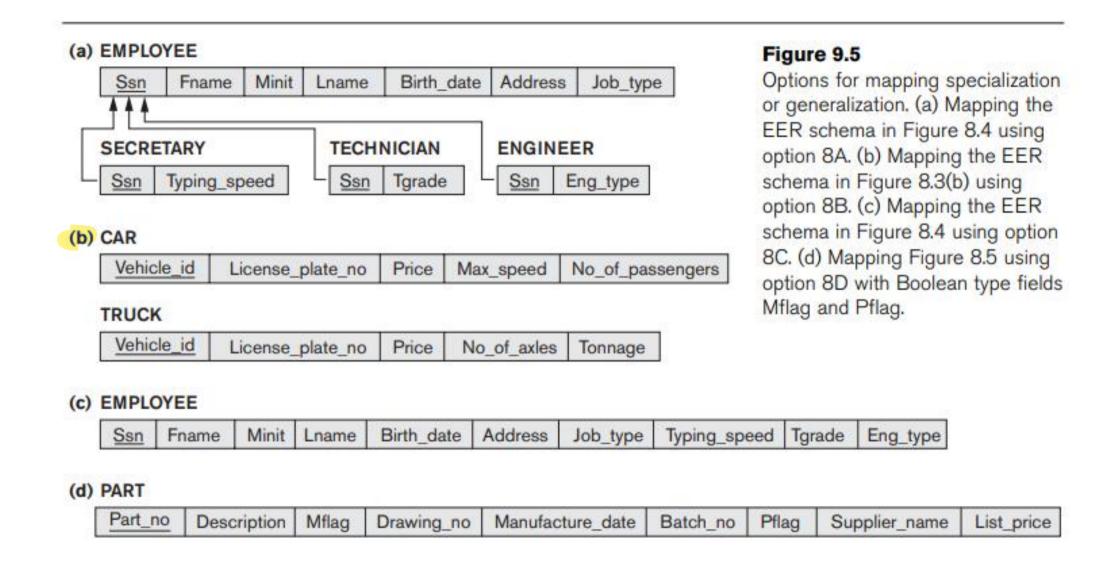
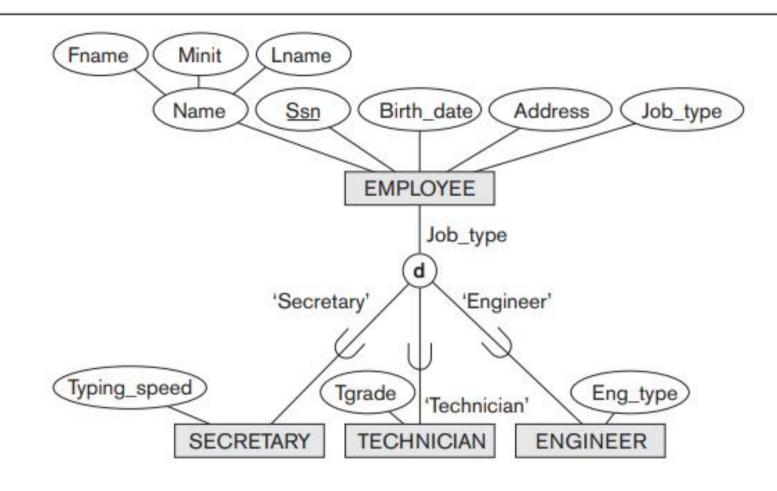
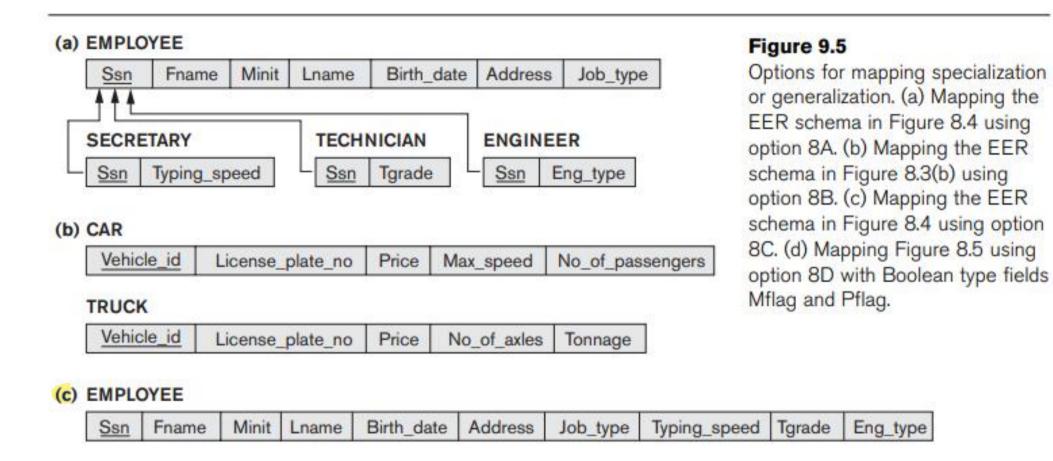


Figure 8.4

EER diagram notation for an attribute-defined specialization on Job_type.

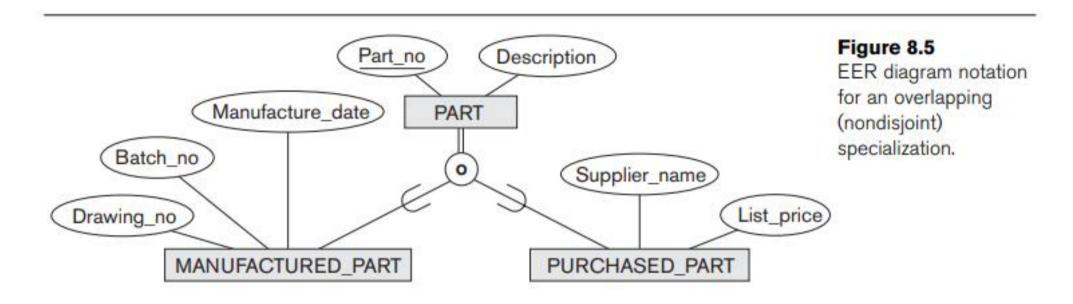


⁶Such an attribute is called a discriminator in UML terminology.

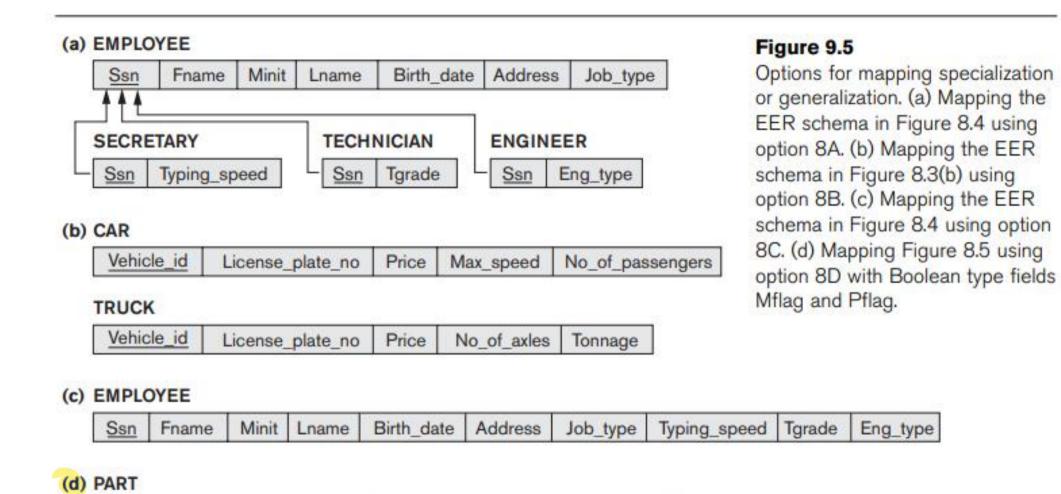


(d) PART

Part_no Description Mflag Drawing_no Manufacture_date Batch_no Pflag Supplier_name List_price



⁷The notation of using single or double lines is similar to that for partial or total participation of an entity type in a relationship type, as described in Chapter 7.



Manufacture date

Batch no

Pflag

Supplier_name

List price

Part no

Description

Mflag

Drawing no

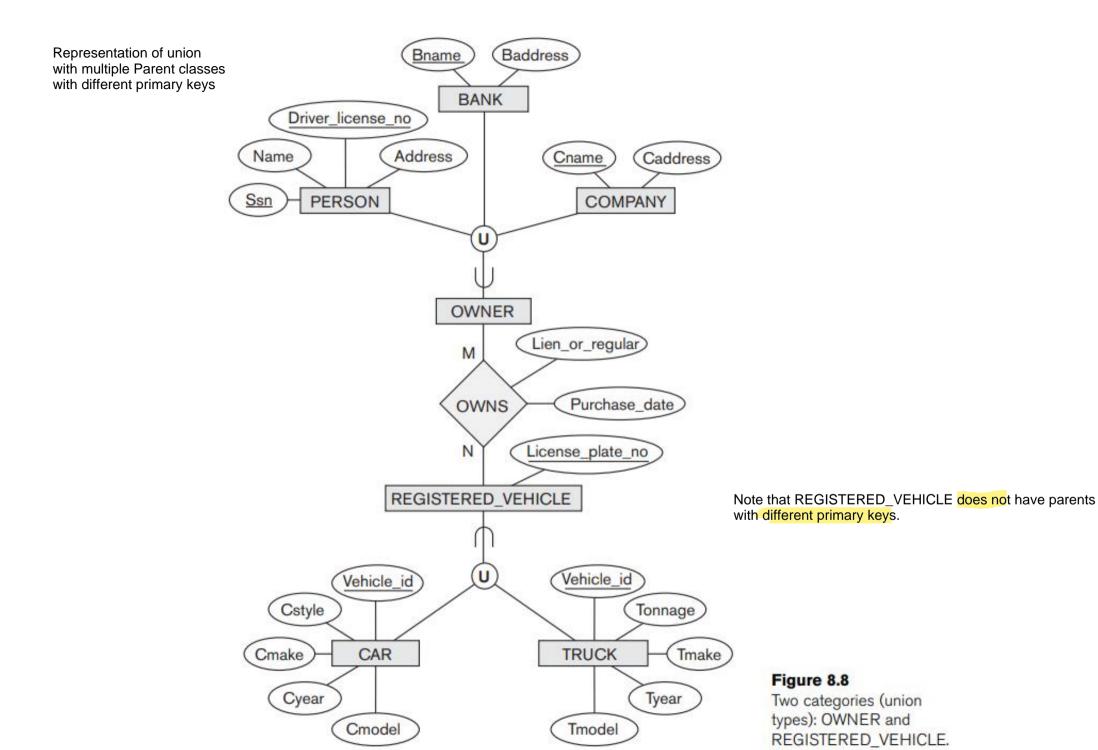
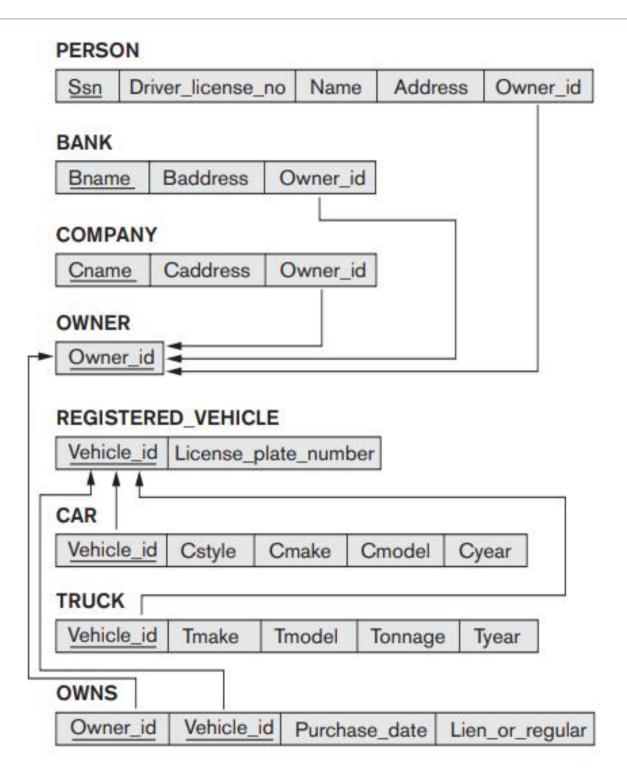


Figure 9.7

Mapping the EER categories (union types) in Figure 8.8 to relations.

No need for surrogate key for CAR and TRUCK because they have the same primary key.



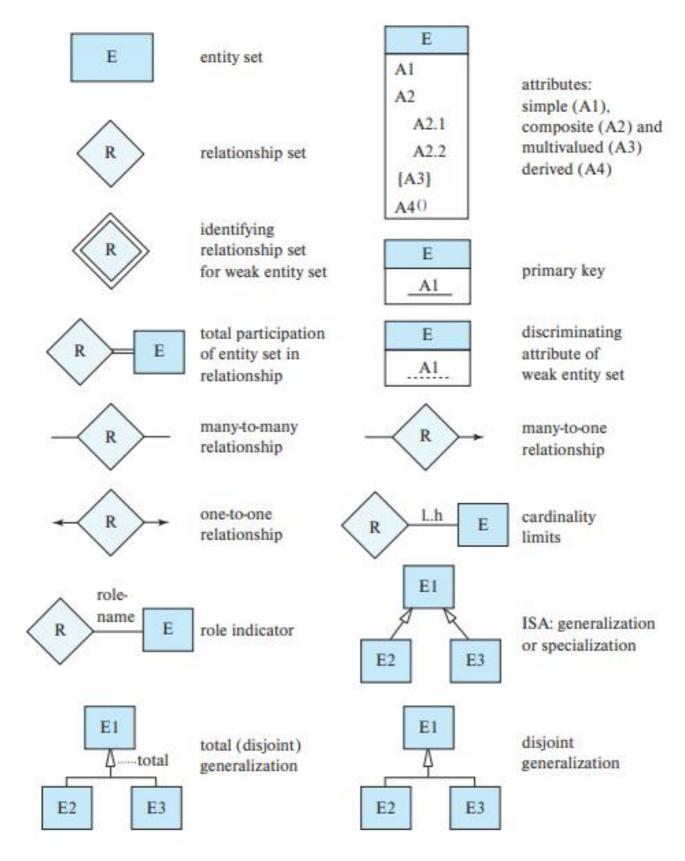


Figure 6.26 Symbols used in the E-R notation.

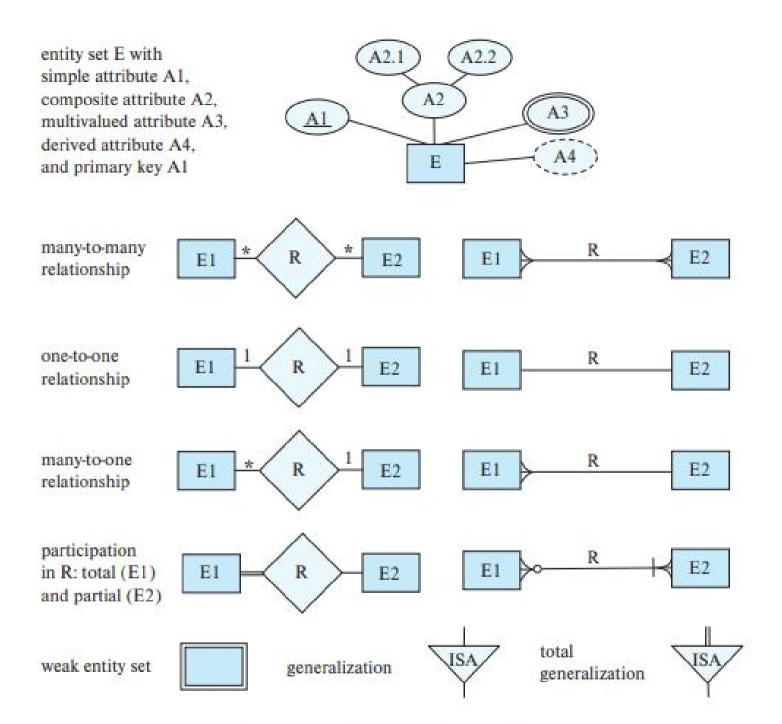


Figure 6.27 Alternative E-R notations.

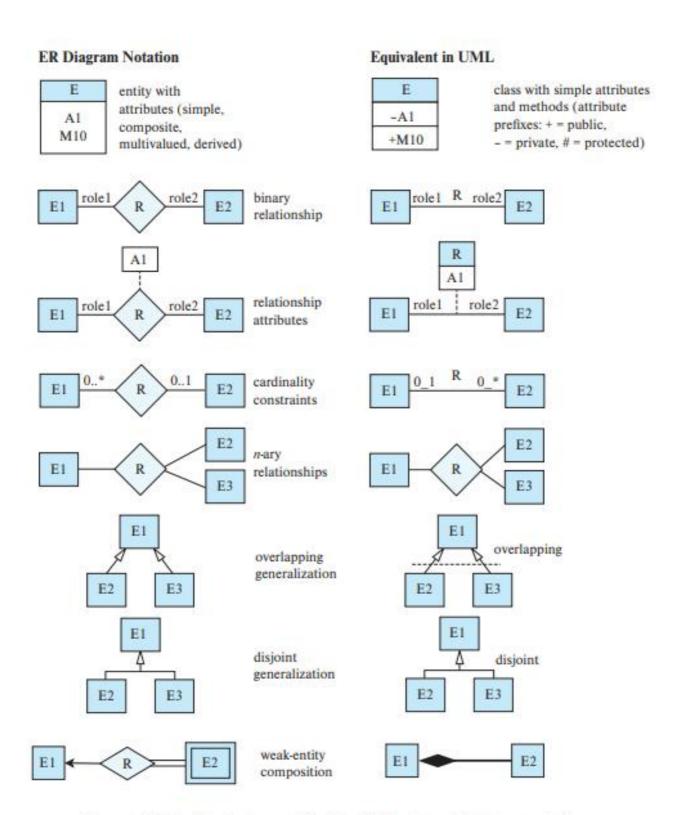


Figure 6.28 Symbols used in the UML class diagram notation.