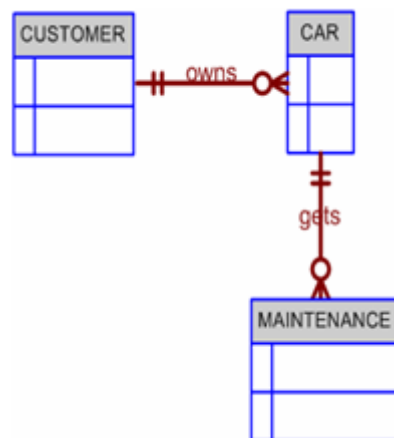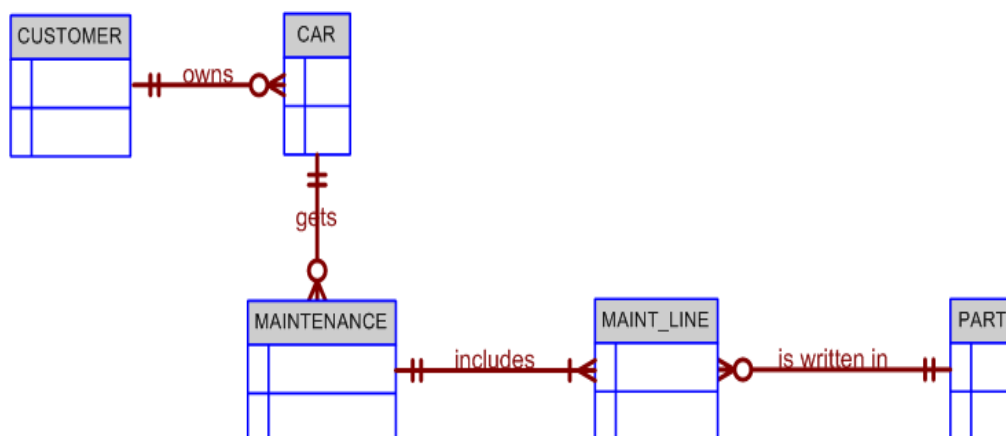**Review Questions**

1. What is the difference between an Associative Entity and a Transactional Entity?

2. What two conditions must be met before an entity can be classified as a weak entity?

3. What is a strong or identifying relationship?

4. Give an example of a strong or identifying relationship.

5. What is a recursive relationship? Give an example.

6. Using the figure above, write the business rules that are reflected in it.

7. Using the figure above, identity the participation and the cardinality between the entities.

8. Given the entities of COURSE and CLASS below, discuss two ways in which the 1:M relationship between COURSE and CLASS can be implemented. (Hint: Think about relationship strength. Also, you will need to add an additional attribute for one of the relationships.)

   COURSE(CRS_ID, CRS_TITLE, CRS_DESCRIPTION, CRS_CREDITS)
   CLASS(CRS_ID, CLASS_ID, CLASS_TIME, CLASS_PLACE)