Consider the ER schema for the MOVIES database in Figure 3.25.

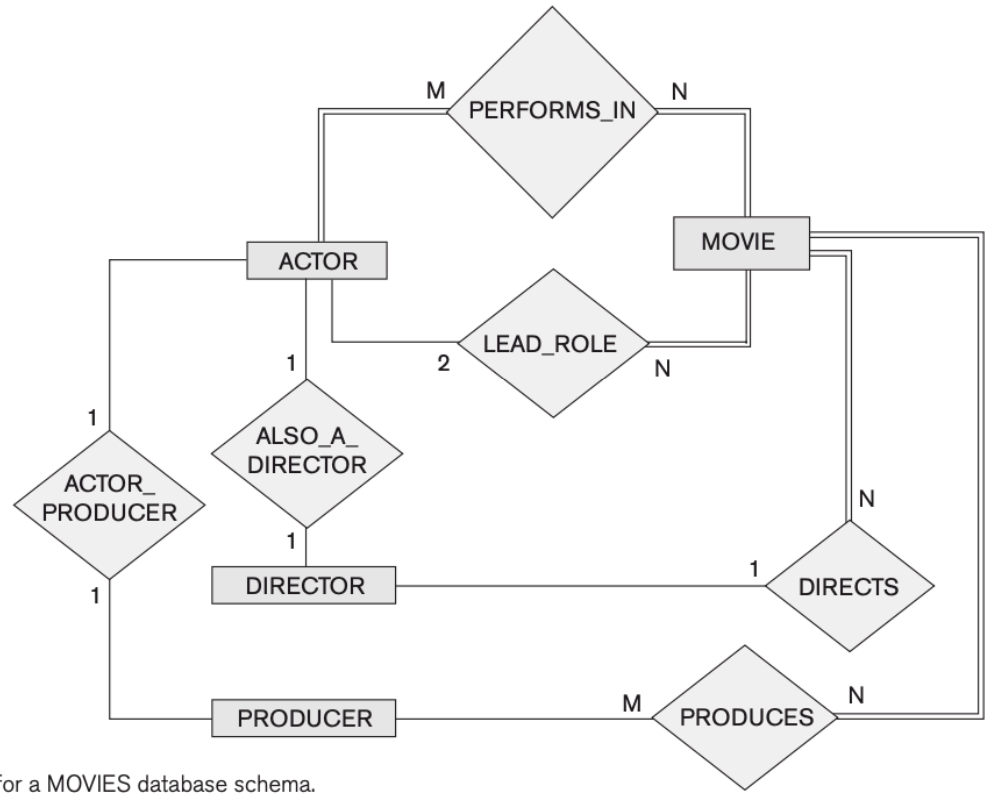

Figure 3.25
An ER diagram for a MOVIES database schema.

Assume that MOVIES is a populated database. ACTOR is used as a generic term and includes actresses. Given the constraints shown in the ER schema, respond to the following statements with True, False, or Maybe. Assign a response of Maybe to statements that, although not explicitly shown to be True, cannot be proven False based on the schema as shown. Justify each answer.

a. There are no actors in this database that have been in no movies.

True

b. There are some actors who have acted in more than ten movies.

Maybe

c. Some actors have done a lead role in multiple movies.

True

d. A movie can have only a maximum of two lead actors.

True

e. Every director has been an actor in some movie.

Maybe

f. No producer has ever been an actor.

False

g. A producer cannot be an actor in some other movie.

False

h. There are movies with more than a dozen actors.

Maybe

i. Some producers have been a director as well.

Maybe

j. Most movies have one director and one producer.

Maybe

k. Some movies have one director but several producers.

True

l. There are some actors who have done a lead role, directed a movie, and produced a movie.

Maybe