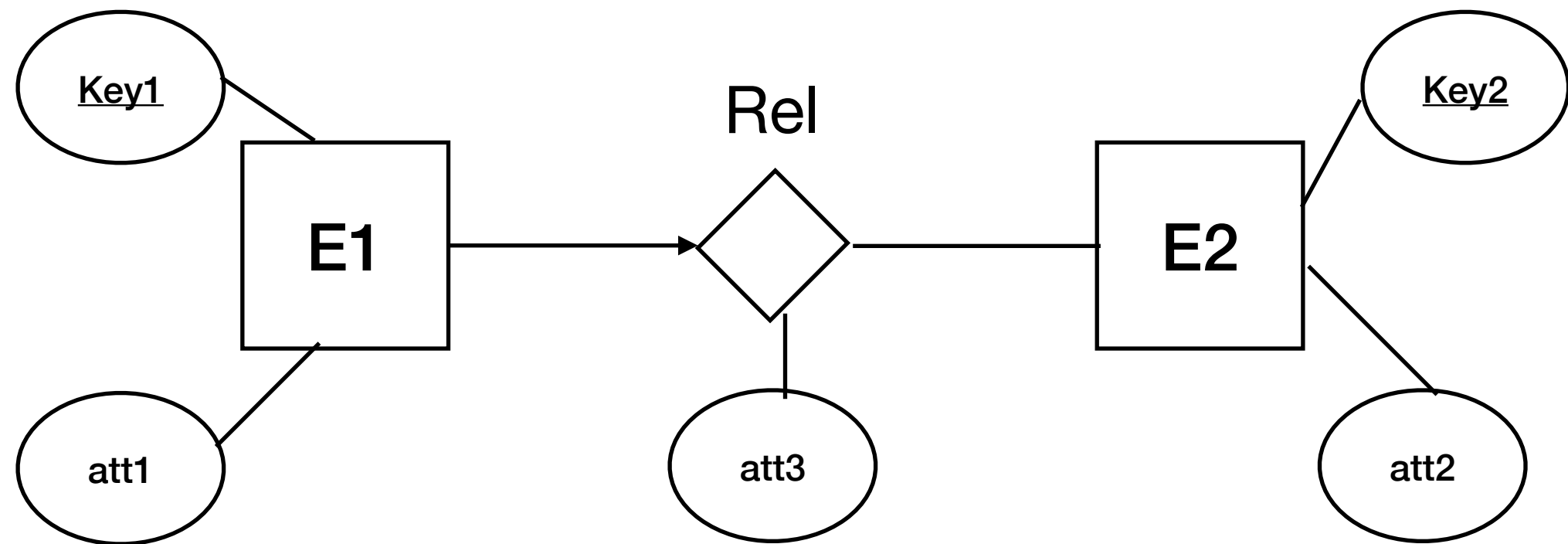


**E1**(Key1,att1)  
**E2**(Key2,att2)  
**Rel**(Key1,Key2,att3)  
 Key1: FK(E1)  
 Key2: FK(E2)

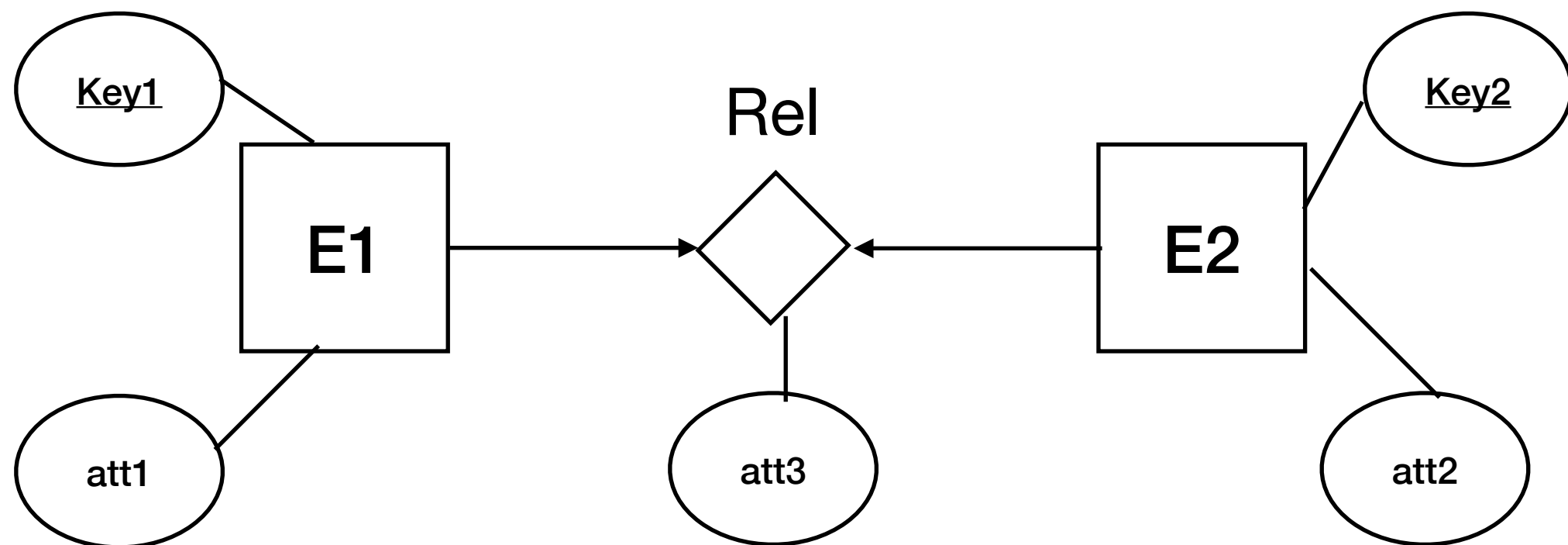
M:N



Opção 1

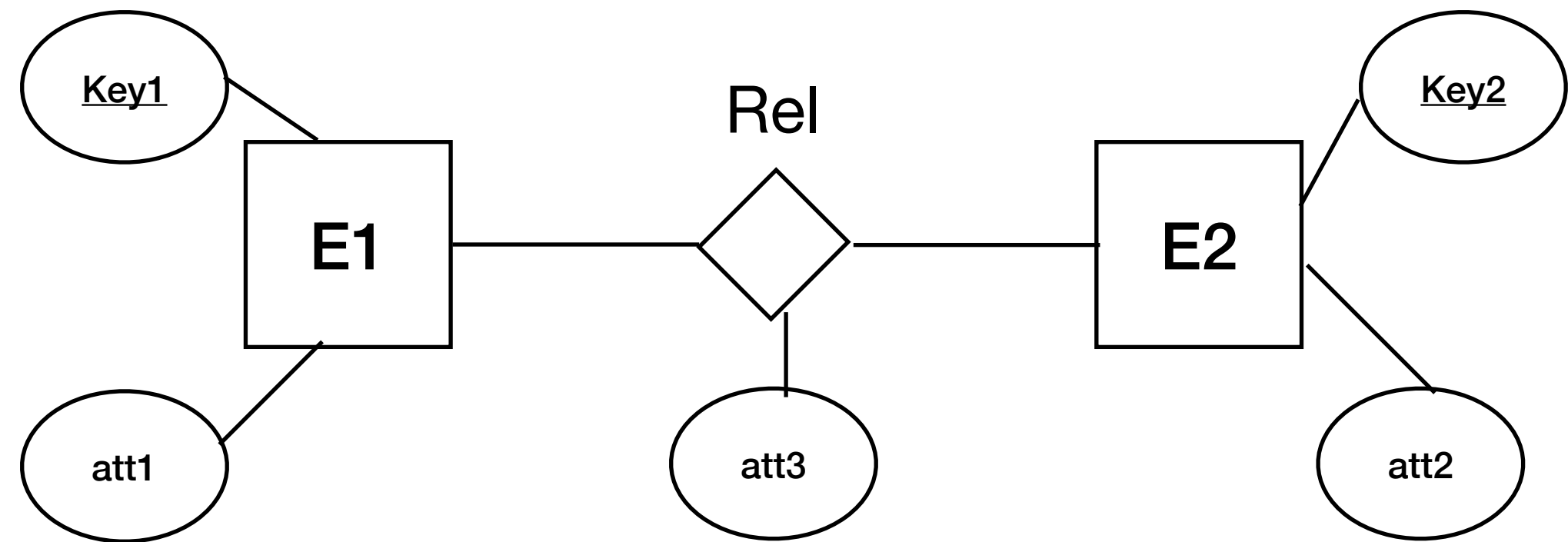
**E1**(Key1,att1)  
**E2**(Key2,att2)  
**Rel**(Key1,Key2,att3)  
 Key1: FK(E1)  
 Key2: FK(E2) NOT NULL

1:N optional



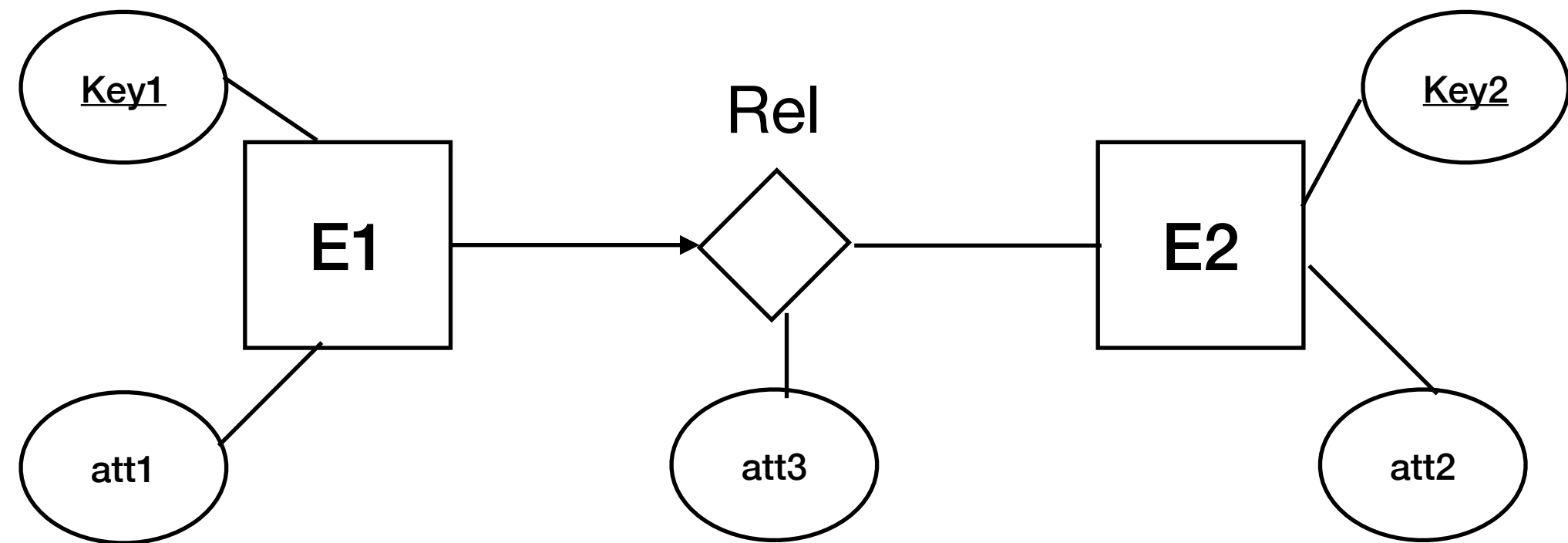
**E1**(Key1,att1)  
**E2**(Key2,att2)  
**Rel**(Key1,Key2,att3)  
 Key1: FK(E1)  
 Key2: FK(E2) **UNIQUE**

1:1 optional



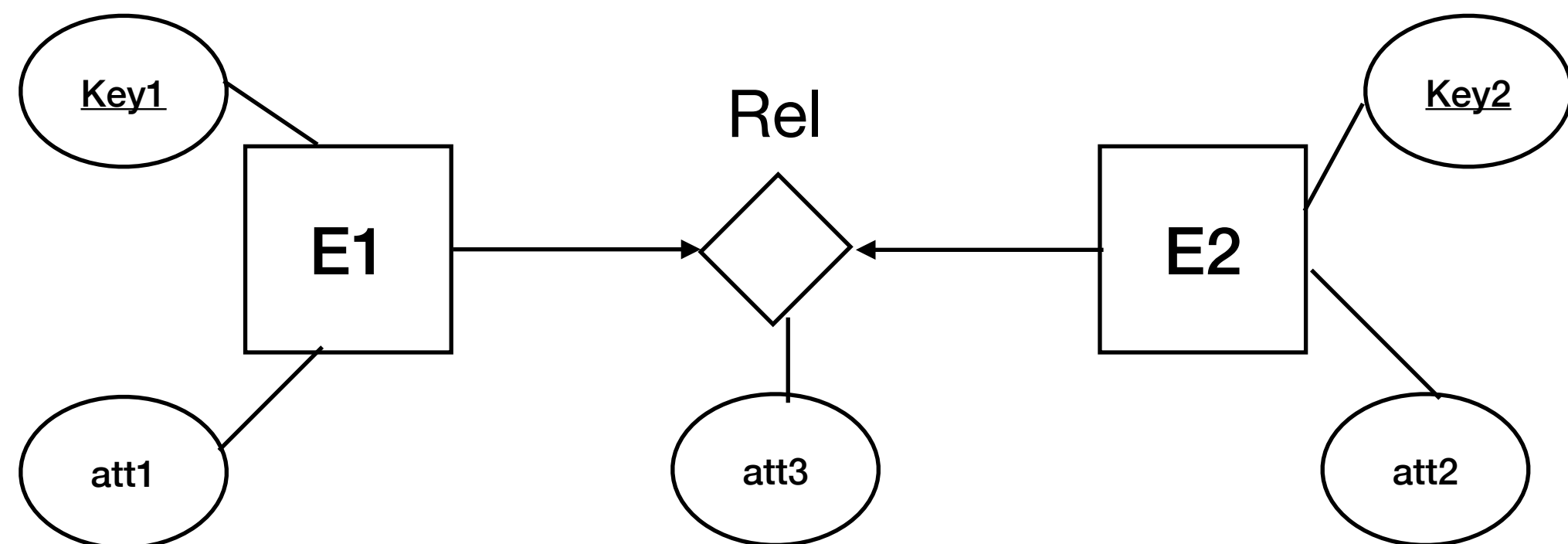
**E1**(Key1,att1)  
**E2**(Key2,att2)  
**Rel**(Key1,Key2,att3)  
 Key1: FK(E1)  
 Key2: FK(E2)

M:N



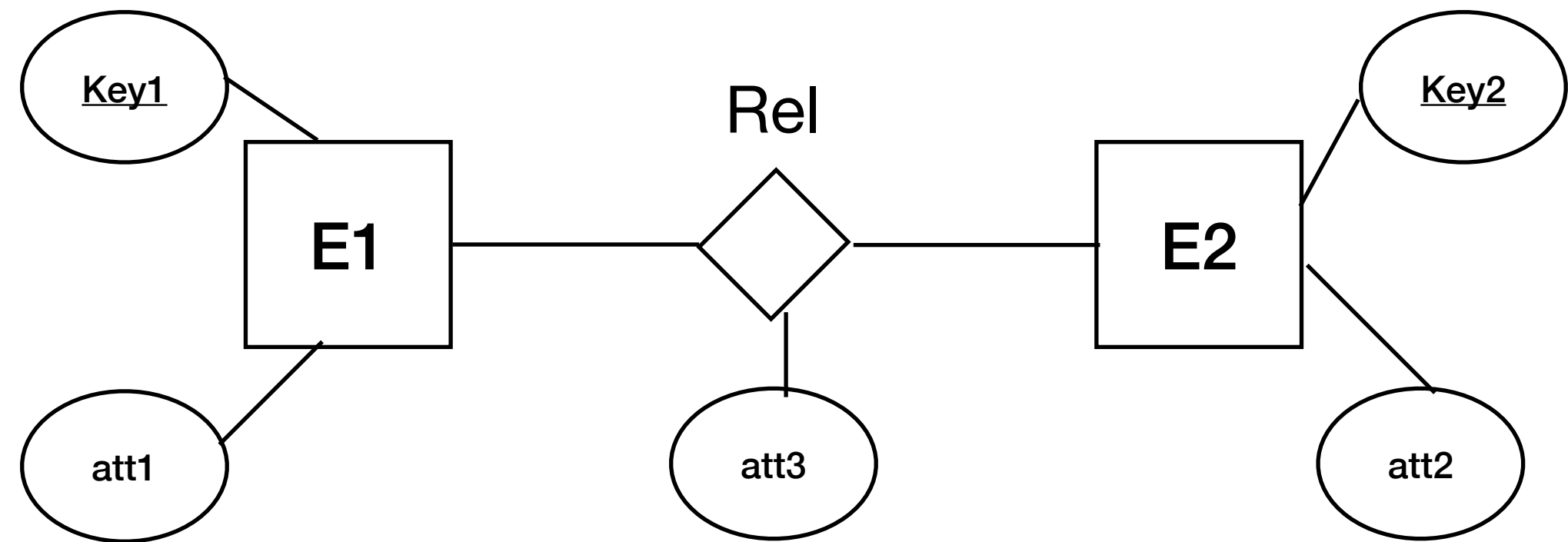
Opção 2  
**E1**(Key1,att1,Key2,att3)  
 Key2: FK(E2)  
**E2**(Key2,att2)

1:N optional



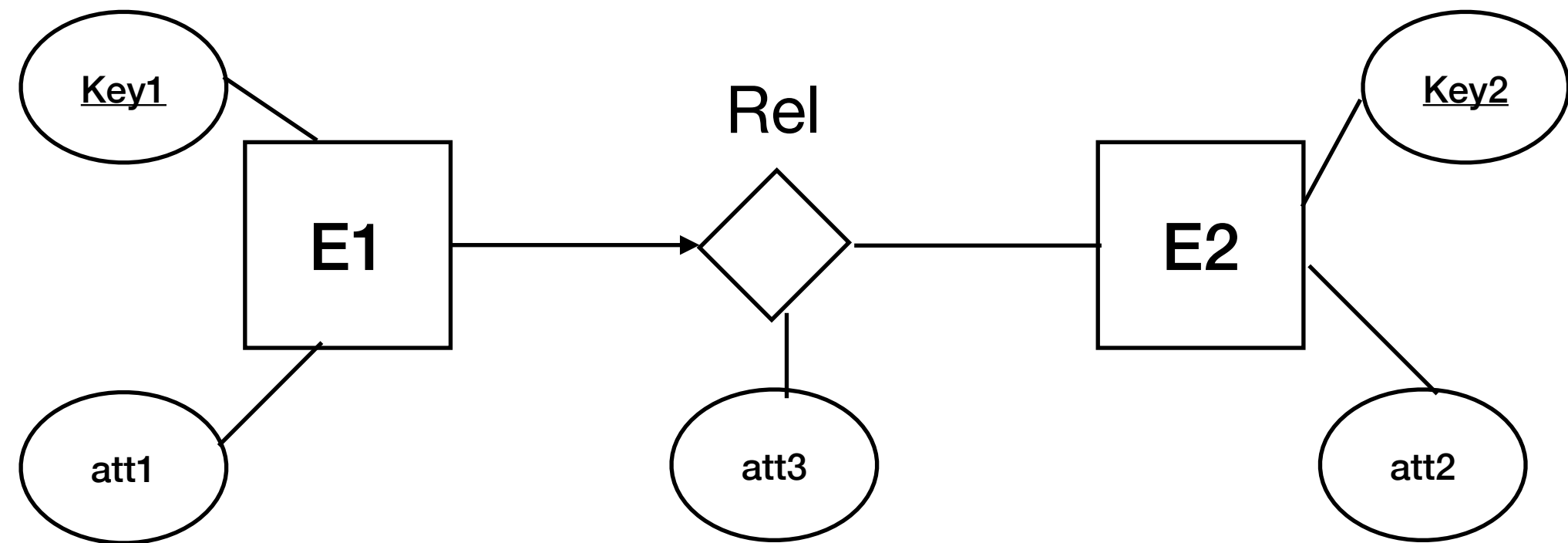
**E1**(Key1,att1)  
**E2**(Key2,att2)  
**Rel**(Key1,Key2,att3)  
 Key1: FK(E1)  
 Key2: FK(E2) **UNIQUE**

1:1 optional



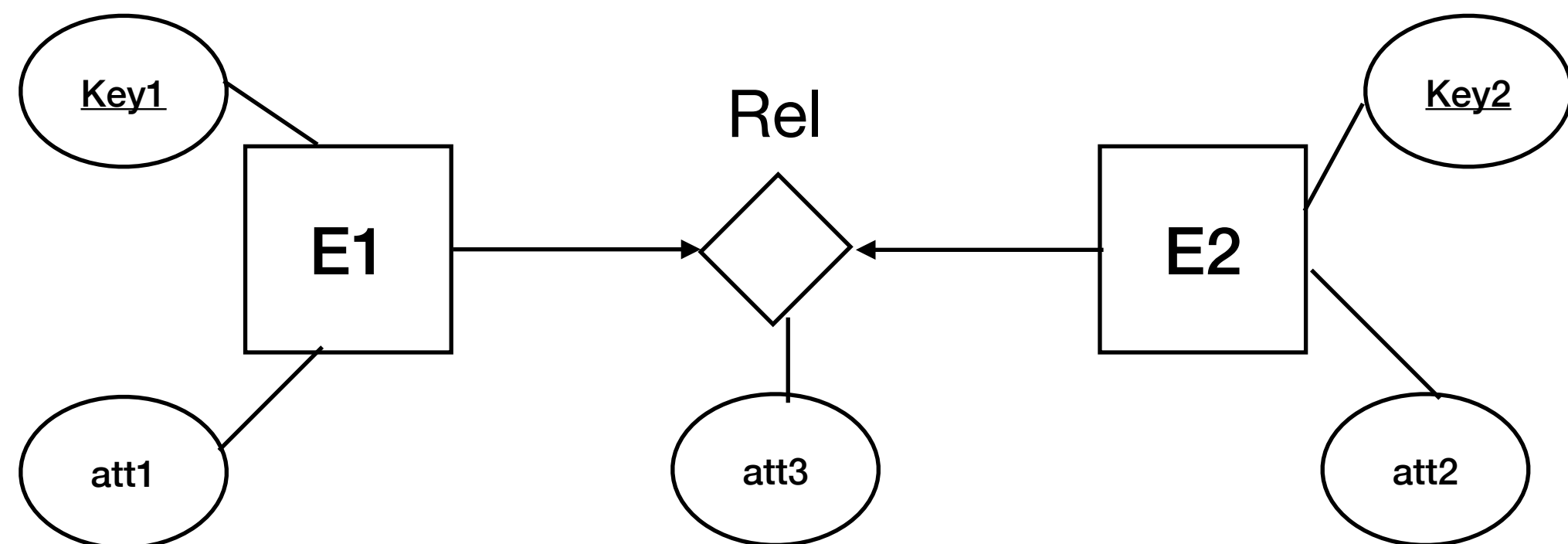
**E1**(Key1,att1)  
**E2**(Key2,att2)  
**Rel**(Key1,Key2,att3)  
 Key1: FK(E1)  
 Key2: FK(E2)

M:N



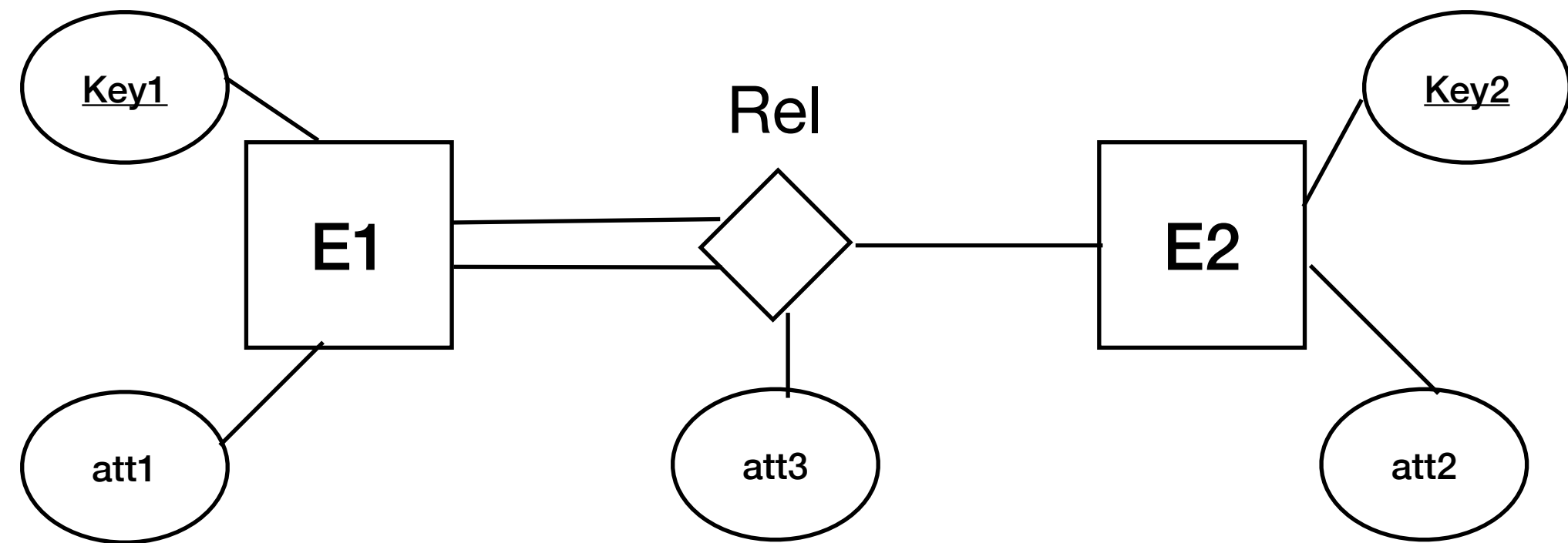
Opção 2  
**E1**(Key1,att1,Key2,att3)  
 Key2: FK(E2)  
**E2**(Key2,att2)

1:N optional



**E1**(Key1,att1)  
**E2**(Key2,att2)  
**Rel**(Key1,Key2,att3)  
 Key1: FK(E1) **UNIQUE**  
 Key2: FK(E2)

1:1 optional



**E1**(Key1,att1)

**E2**(Key2,att2)

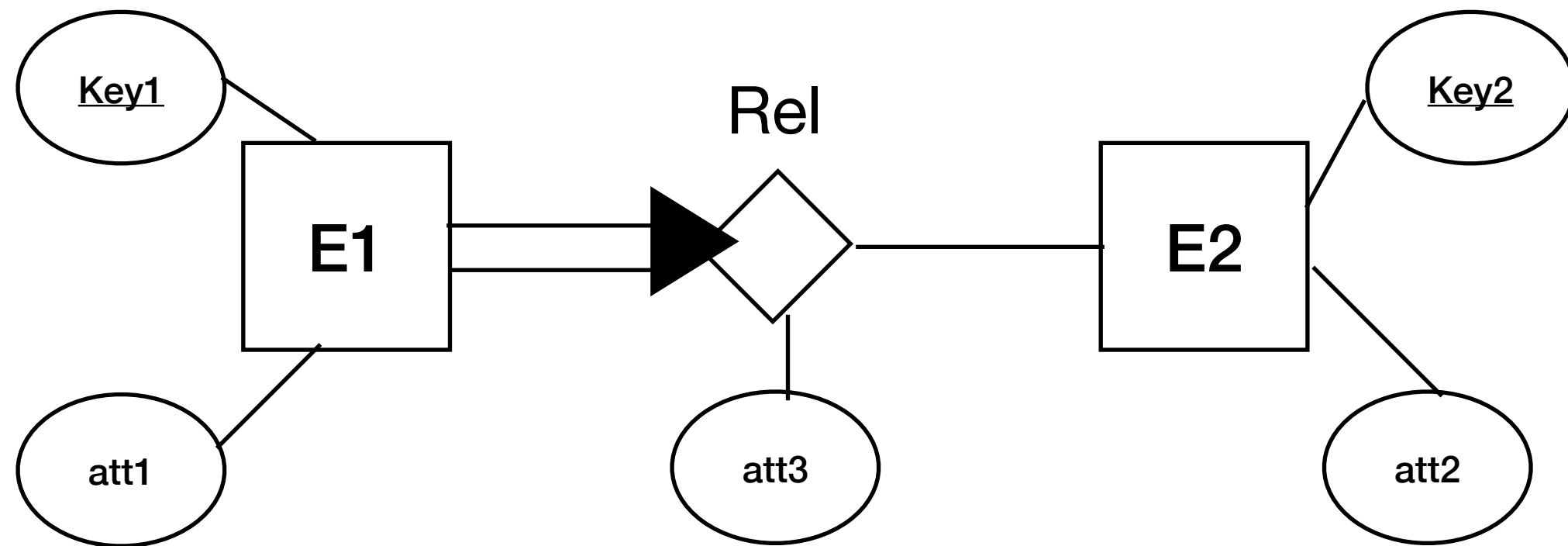
**Rel**(Key1,Key2,att3)

Key1: FK(E1)

Key2: FK(E2)

IC: Any Key1 in E1 must exist in REL

M:N mandatory

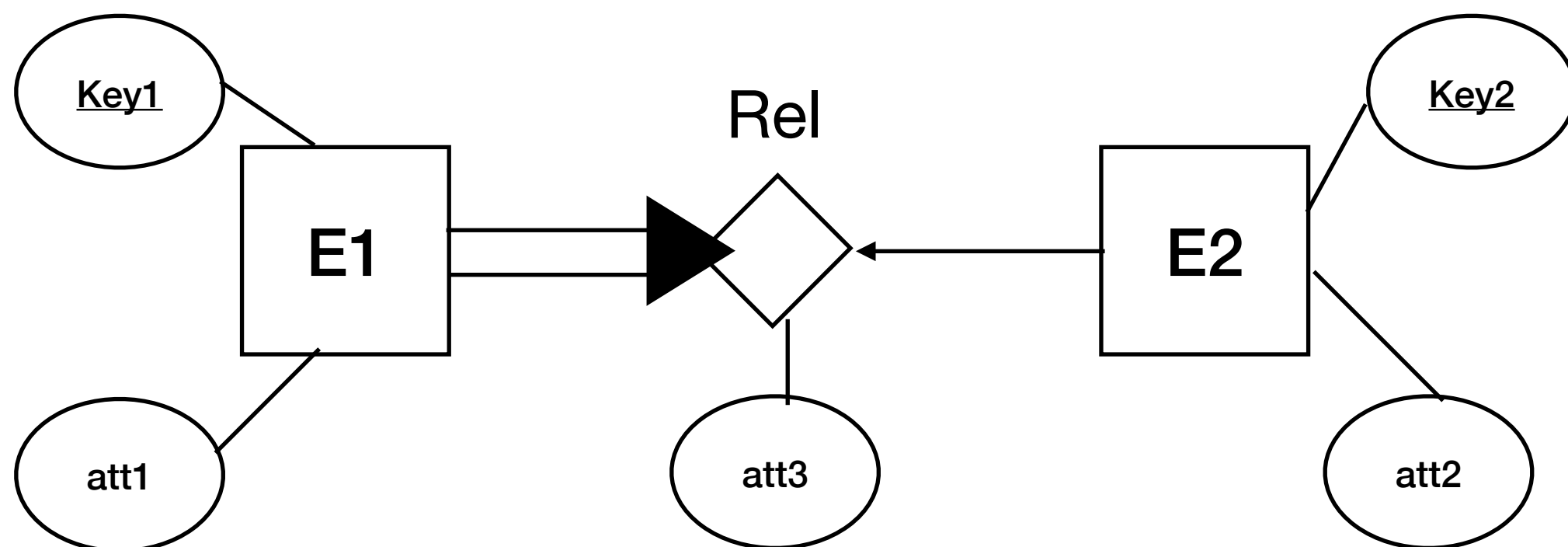


**E1**(Key1,att1,Key2,att3)

Key2: FK(E2) NOT NULL

**E2**(Key2,att2)

1:N mandatory



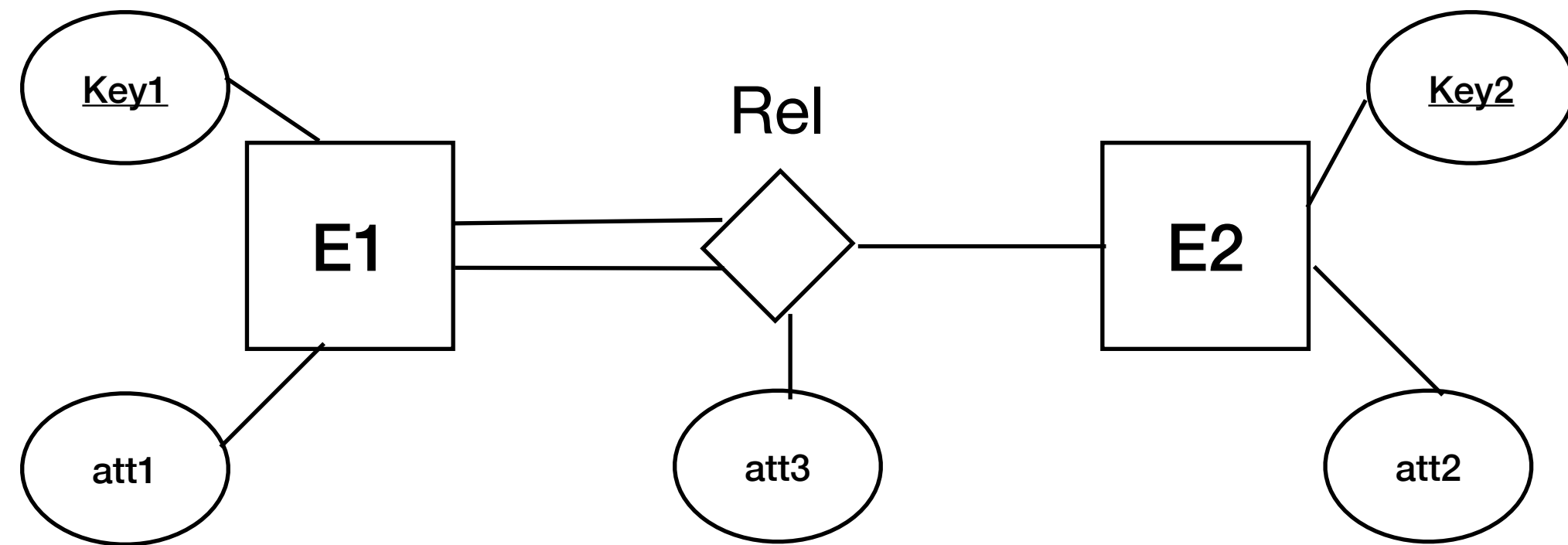
**E1**(Key1,att1,Key2,att3)

Key2: FK(E2) NOT NULL

**UNIQUE** (Key2)

**E2**(Key2,att2)

1:1 mandatory



**E1**(Key1,att1)

**E2**(Key2,att2)

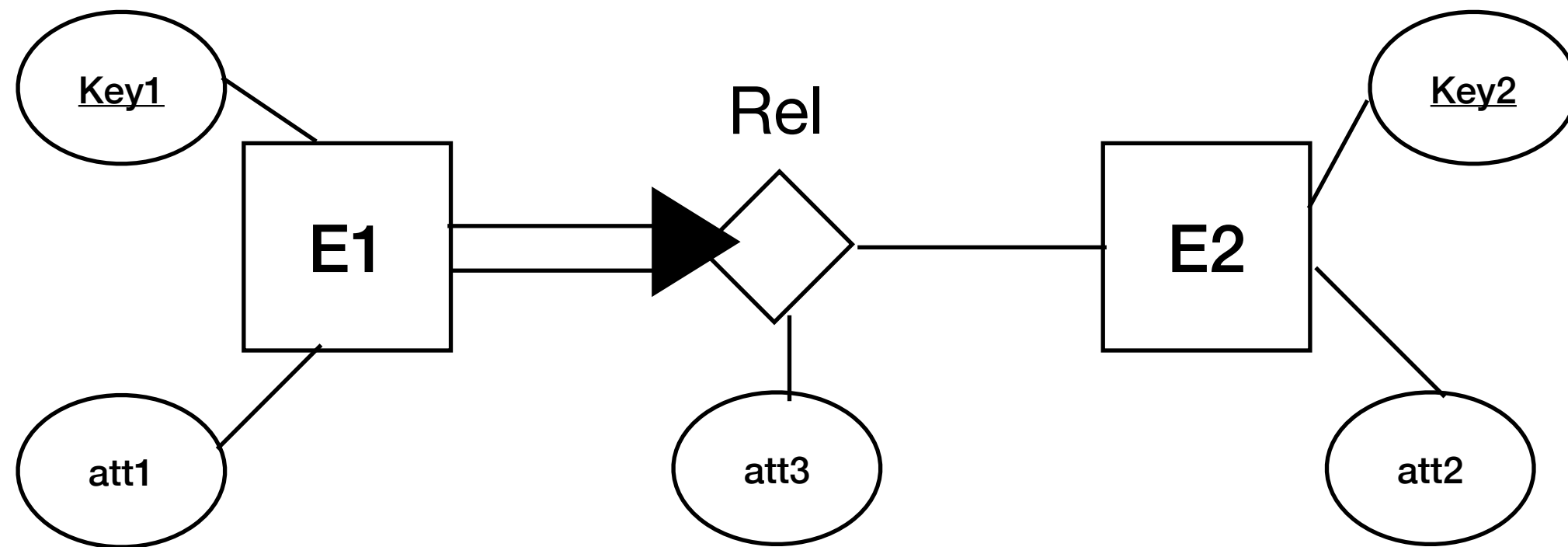
**Rel**(Key1,Key2,att3)

Key1: FK(E1)

Key2: FK(E2)

IC: Any Key1 in E1 must exist in REL

M:N mandatory

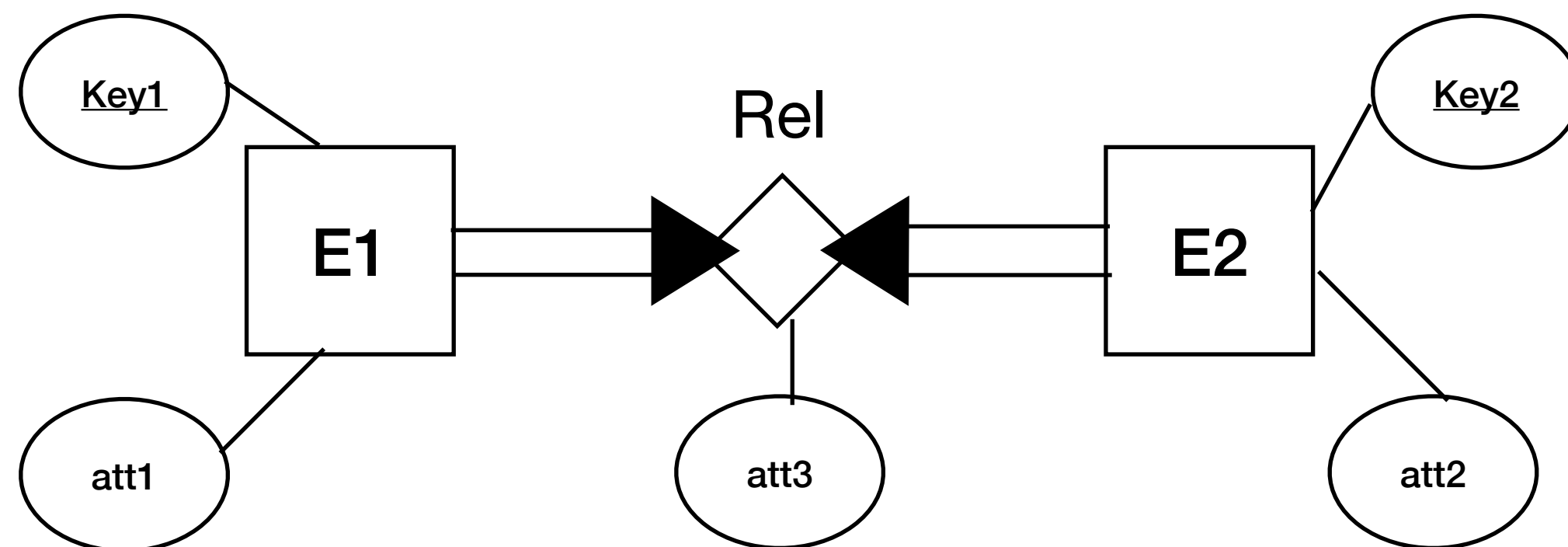


**E1**(Key1,att1,Key2,att3)

Key2: FK(E2) NOT NULL

**E2**(Key2,att2)

1:N mandatory



**E1**(Key1,att1,Key2,att3)

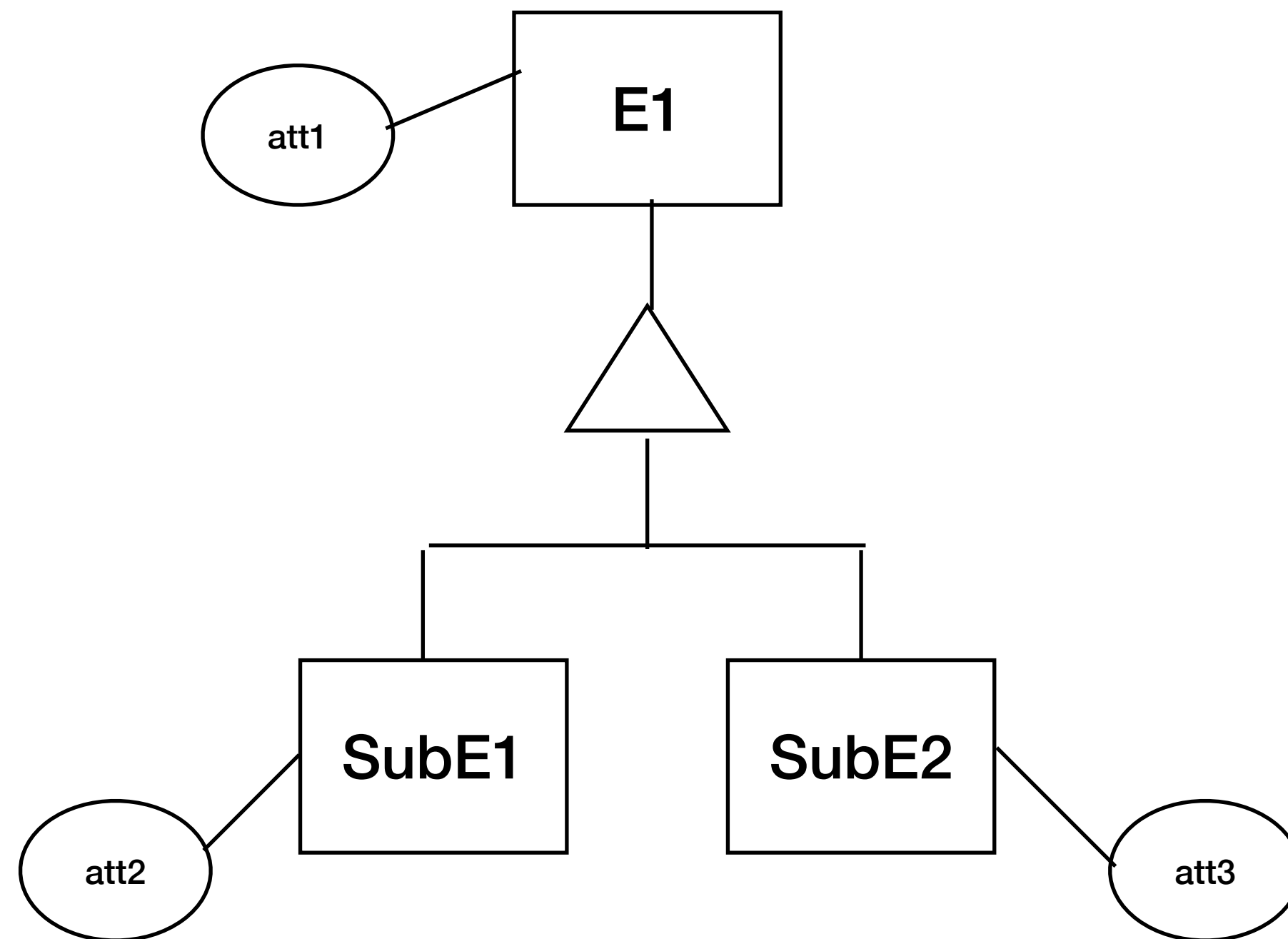
Key2: FK(E2) NOT NULL

**UNIQUE** (Key2)

**E2**(Key2,att2)

1:1 mandatory  
both sides

IC: Any Key2 in E2 must exist in E1



**E1**(Key1,att1)

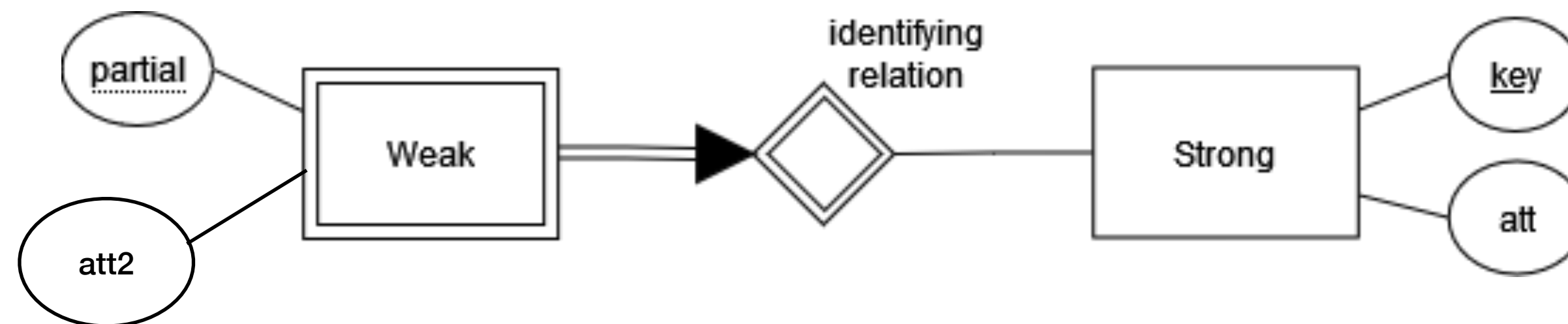
**SubE1**(Key1,att2)

Key1: FK(E1)

**SubE2**(Key1,att3)

Key1:FK(E1)

Opção 1



**Strong**(key,att)

**Weak**(partial,key,att2)

key: FK(Strong)