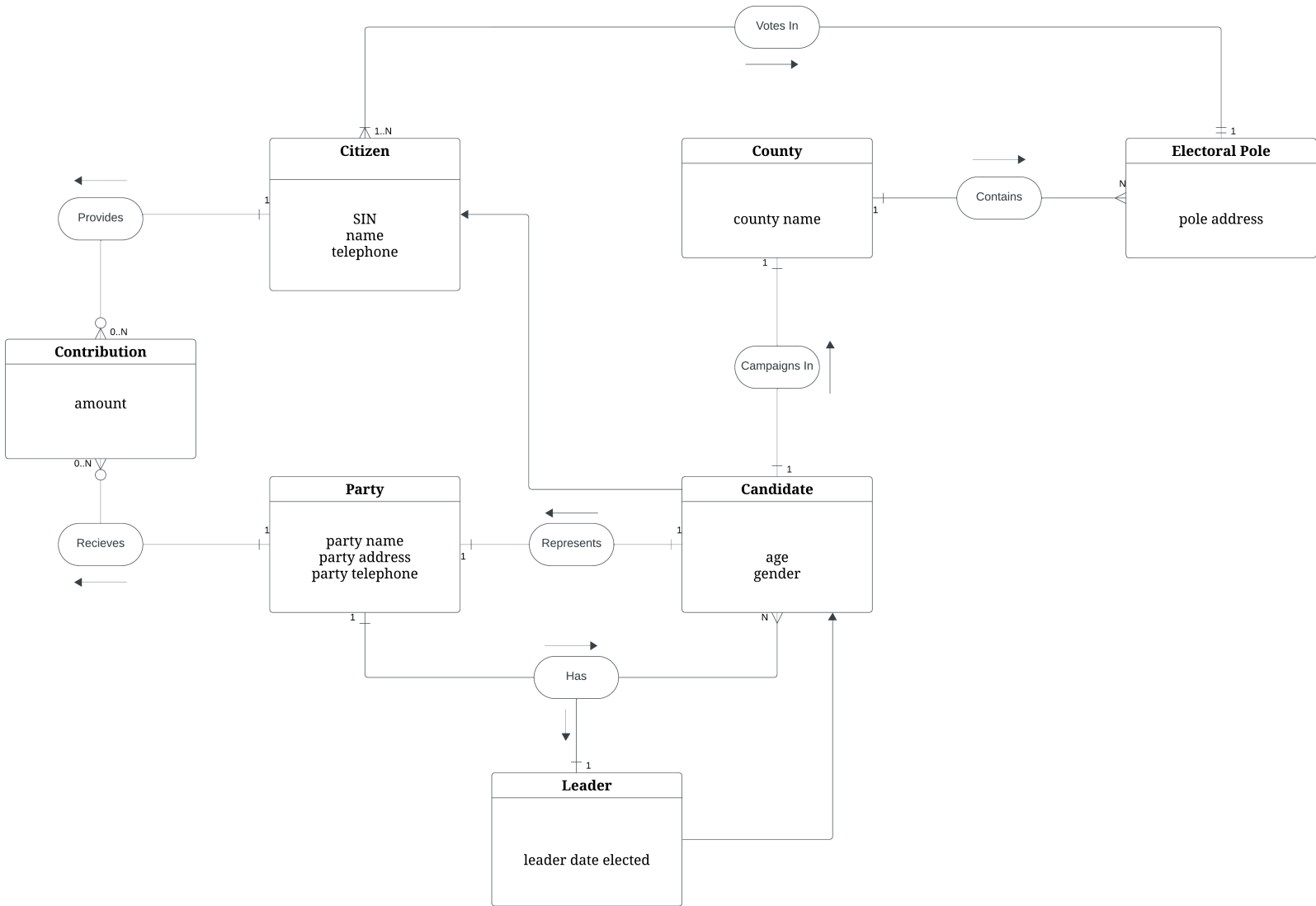
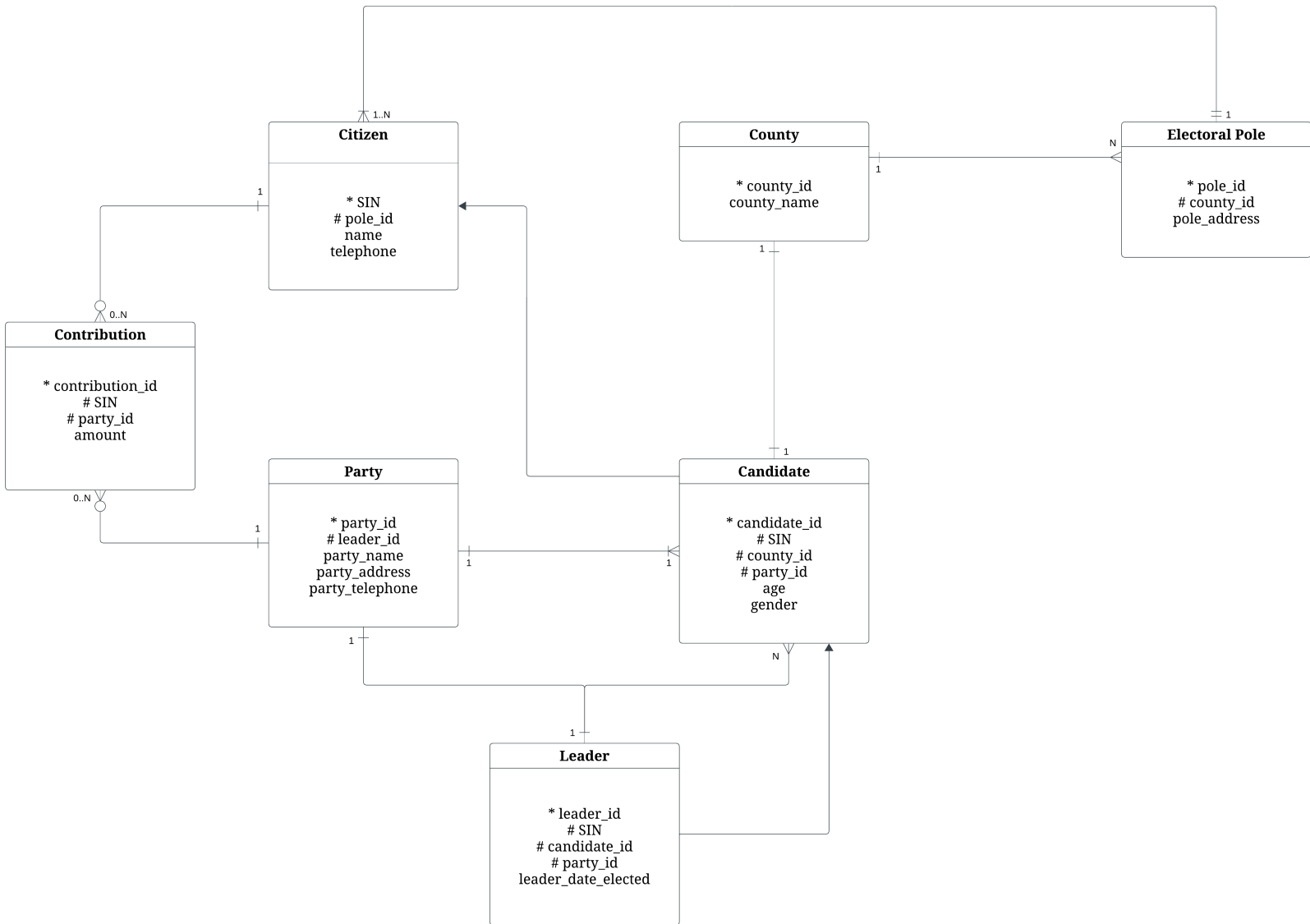


Q1.



Q2.



**Q3.**

**CITIZEN** (sin, pole\_id, name, telephone)

CITIZEN[pole\_id]  $\subseteq$  ELECTORAL POLE[pole\_id]

**COUNTY**(county\_id, county\_name)

**ELECTORAL POLE**(pole\_id, county\_id, pole\_address)

ELECTORAL POLE[county\_id]  $\subseteq$  COUNTY[county\_id]

**CONTRIBUTION**(contribution\_id, sin, party\_id, amount)

CONTRIBUTION[sin]  $\subseteq$  CITIZEN[sin]

CONTRIBUTION[party\_id]  $\subseteq$  PARTY[party\_id]

**PARTY**(party\_id, leader\_id, party\_name, party\_address,  
party\_telephone)

PARTY[leader\_id]  $\subseteq$  LEADER[leader\_id]

**CANDIDATE**(candidate\_id, sin, county\_id, party\_id, age, gender)

CANDIDATE[sin]  $\subseteq$  CITIZEN[sin]

CANDIDATE[county\_id]  $\subseteq$  COUNTY[county\_id]

CANDIDATE[party\_id]  $\subseteq$  PARTY[party\_id]

**LEADER** (leader\_id, sin, candidate\_id, party\_id, leader\_date\_elected)

LEADER[sin]  $\subseteq$  CITIZEN[sin]

LEADER[candidate\_id]  $\subseteq$  CANDIDATE [candidate\_id]

LEADER[party\_id]  $\subseteq$  PARTY [party\_id]