Name 1:                                                          Date:
Name 2:

Exercise 4.1.1. Design a database for a bank, including information about customers and their accounts.

Information about a customer includes name, address, phone and social security number.

Accounts have numbers, types (savings, checking) and balances and record the customer who owns it.

a) Draw the ER diagram for this database

For each of the following constraints, redraw the ER diagram:

b) An account can only have one customer.

c) A customer can have only one account.