645: Relational Algebra Practice

Person(name, age, gender) // name is a key
Frequents(name, pizzeria) // [name, pizzeria] is a key
Eats(name, pizza) // [name, pizza] is a key
Serves(pizzeria, pizza, price) // [pizzeria, pizza] is a key

1. Find all pizzas eaten by at least one female over the age of 20.

2. Find the names of all females who eat at least one pizza served by Straw Hat.

3. Find all pizzerias that serve at least one pizza for less than $10 that either Amy or Fay (or both) eat.
4. Find all pizzerias that serve at least one pizza for less than $10 that both Amy and Fay eat.

5. Find the names of all people who eat at least one pizza served by Dominos but who do not frequent Dominos.

6. Find all pizzas that are eaten only by people younger than 24, or that cost less than $10 everywhere they're served.