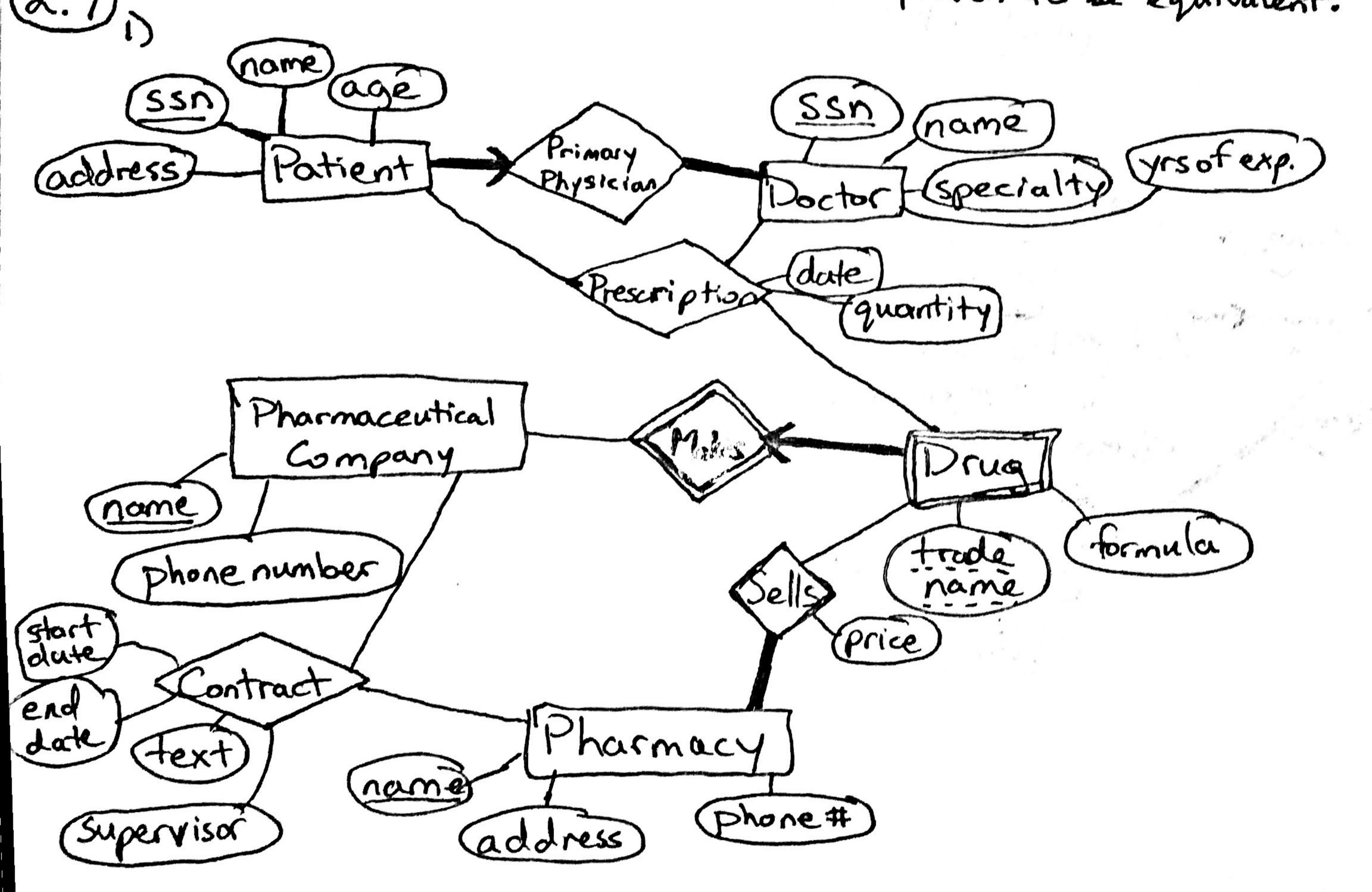## 2.6

1) Since all airline employees possess a Social Security # and belong to a union, there is a covering constraint on the Employees ISA hierarchy.

2) You cannot express it because there is no notation for equivalence in an ER diagram so the Expert relation & Type relation cannot be proven to be equivalent.

2.7

1)

2) If the drug is to be sold at a fixed price, we can remove the price attribute from the Sell relationship set and add it to the Drug entity set.

3) In the case that a doctor prescribes the same patient the same drug more than once, we would need to make a new entity set called Prescription_date and remove the date attribute from the Prescription relation set and make it a 4-way relationship set.