LPN 2.3 Exercises

2.1

1. Unify
2. Don’t unify
3. Unify
4. Don’t unify
5. Don’t unify
6. Unify
7. Unify. X instantiates to bread
8. Unify. X instantiates to bread
9. Unify. X instantiates to sausage, Y to bread
10. Don’t unify
11. Don’t unify
12. Don’t unify
13. Unify. X instantiates to food(bread), Y to drink(beer)
14. Don’t unify.

2.2

1. True
2. False
3. False
4. True. X instantiates with ‘McGonagall’ and she is a witch which satisfies magic(X).
5. False. Hermoine \= hermoine.

2.3

?- sentence(A,B,C,D,E).

A criminal eats every big kahuna burger

Every criminal eats a big kahuna burger

A big kahuna burger eats every criminal

Every big kahuna burger eats a criminal

A criminal likes every big kahuna burger

Every criminal likes a big kahuna burger

A big kahuna burger likes every criminal

Every big kahuna burger likes a criminal