

2.1

1. Yes
2. No
3. Yes
4. Yes Bread = bread
5. No
6. No
7. Yes $X = \text{food}(\text{bread})$
8. Yes $X = \text{bread}$
9. Yes $Y = \text{bread}$, $X = \text{sausage}$
10. No (X cannot be 'sausage' and 'beer')
11. No ($\text{food}(3) \neq \text{food}(2)$)
12. No (Prolog will accept it but it is wrong as it would recursively define itself)
13. Yes ($X = \text{food}(\text{bread})$, $Y = \text{drink}(\text{beer})$)
14. No (X cannot be 'food(bread)' and 'drink(beer)')

2.2

1. False (err)
2. False (err)
3. False (err)
4. True
5. True (Hermione = hermione, dobby, rita_skeeter, 'McGonagall')

2.3

`sentence(W1,W2,W3,W4,W5) .`

1. A criminal eats a criminal
- 2.