Unifying Lists

```
?- [X, Y, Z] = [john, likes, fish].
     X = john.
     Y = likes.
     Z = fish.
?- [cat] = [X|Y].
     X = cat
     Y = []
?- [1,2] = [X|Y].
     X = 1
     Y = [2]
?- [a,b,c] = [X|Y].
     X = a
     Y = [b,c]
?- [a,b|Z]=[X|Y].
     X = a
     Y = [b|Z]
?- [X,abc,Y]=[X,abc|Y].
     X = _G123
     Y = [[c...]]
?- [[the|Y]|Z] = [[X,hare] | [is,here]].
```
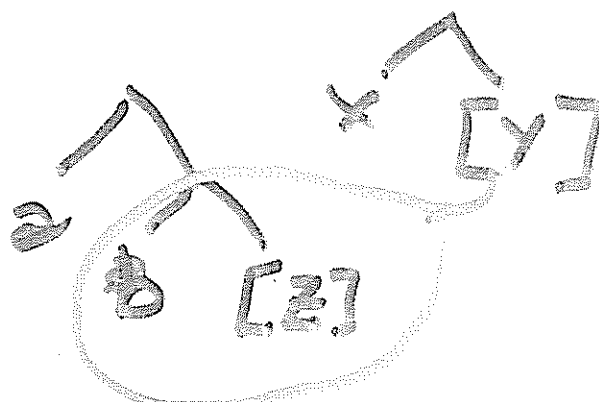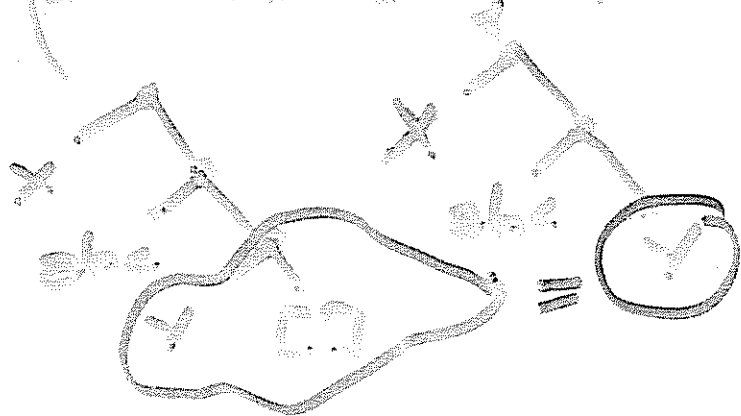
Y= [Y,C]
 = [[Y],[], C]
 = [... ..

X = the
Y = [here]
Z = [is,here]

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