```
1.
        Does not match.
    a.
        X = a, Y = b, Z = c, [d,e,Y] cannot match to anything
        Does not Match.
        [q, [A | [r, s]], t] and [q, [r, [r, s]] | B]
        q = q, [A \mid [r, s]] = [r, [r, s]]? simplify [A \mid [r, s]] to [A, r, s] != [r, [r, s]]?
[r,s]] because they are not the same structure
        Does not match.
        [ [Cow | [cat, dog] ], bird, bug, chicken ] and [ [ant, [cat, dog] ] |
Horse]
        [ Cow | [cat, dog] ] = [ant, [cat, dog] ] ? simplify : [Cow, cat, dog] =
[ant, [cat, dog]] ? Does not match because they are not the same structure.
    d. Match.
        [1, A, 2 | [A, 3, 4] ] and [B | [2, C | [D | E] ] ]
        [1, A, 2, A, 3, 4] and [B | [2, C, D| E] ]
        [1, A, 2, A, 3, 4] and [B, 2, C, D | E]
        B = 1, A = 2, C = 2, D = A = 2, E = [3,4]
    e. Match
        [A | [ A | [ [ A | [ [A] ] ] ] ] and [b | C]
        lets simplify [A | [A | [ [A | [ [A] ] ] ] ] ] first:
        [A, A | [ [A | [ [A] ] ] ] ], [A, A, [A | [ [A] ] ] ],
        [A, A, [A, [A]]] and [b | C]
        A = b, then
        [A, [A, [A]]] = C ? Yes, it should match because C can match into anything
        Does not match
        [X \mid [Y \mid [Z \mid [X]]]] and [all, around, the, world, Y]
        [X, Y \mid [Z \mid [X]]], [X, Y, Z \mid [X]], [X, Y, Z, X]
        [X,Y,Z,X] and [all, around, the ,world, Y]
        X = all, Y = around, Z = the X = world, Y = ? Does not Match.
        Match
        [1, 2 | [ X | [ Y, Z | X] ] ] and [Q | [R, S, [], [ [Y] ] ] ]
        [1, 2, X | [Y, Z | X] ] and [Q, R, S, [] | [ [Y] ] ]
        [1, 2, X, Y, Z | X ] and [Q, R, S, [], [Y] ]
        Q = 1, R = 2, X = S, Y = [], Z = [Y], X = []
    h. Match
        [Lions, [[and], tigers], [and], bears, oh | [[my]] ] and [[I, have], [[A],
Bad], Feeling | [About | This] ]
        Lets go through the first one: [Lions, [[and], tigers], [and], bears, oh |
[[my]] ]
        [Lions, [[and], tigers], [and], bears, oh, [my]]. Lets go through the
second one : [[I, have], [[A], Bad], Feeling | [About | This] ]
        [[I, have], [[A], Bad], Feeling, About | This]. Matching time!
[Lions, [[and], tigers], [and], bears, oh, [my]] and [[I, have], [[A], Bad], Feeling, About | This]
```

Lions = [I, have], [[and], tigers] = [[A], Bad] ? A = and, Bad = tigers,

Feeling = [and], About = bears, This = [oh, [my]]