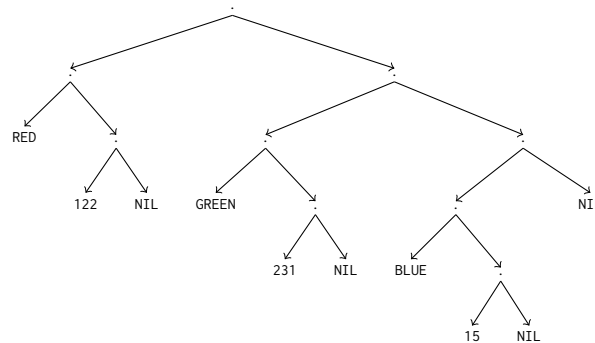**Question 1**

Redraw the following cons tree in the box notation of Touretzky:

Question 2

Draw the cons representations of the following in box notation:

(a) X

(b) (NIL X)

(c) (((X Y)))

(d) (X (Y (Z)))

(e) (((X) Y) Z)

Question 3

Given the list ((A B) (C D) (E F)),[1]

(a) Write what you would get from it by,[2]

    1. CAR

    2. CDDR

    3. CADR

    4. CDAR

    5. CDDAR

    6. CDADDR

(b) Which forms of C...R would get you A, B and F?

    You may draw the boxes by hand. If you are submitting soft-copy, images are fine. Either hand in your assignment in class or send it to Fırat before the class on Mar 7.

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[1] Touretzky, ex. 2.15.

[2] Do not directly check on the computer, first attempt it on paper.