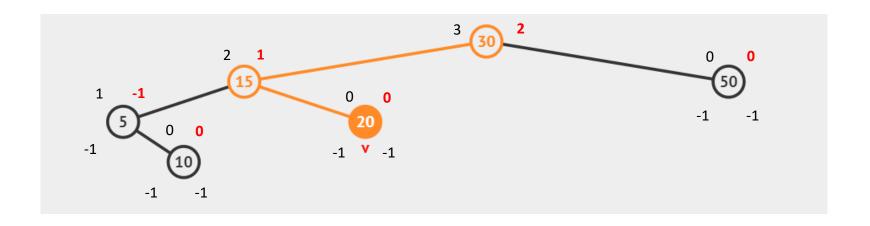
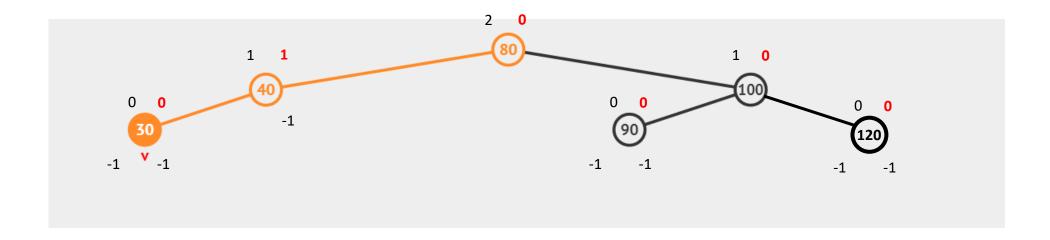
a)[30,15,50,5,10,20]



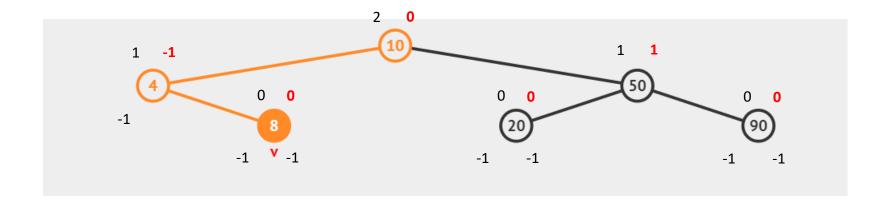
Não é AVL, pois esta desbalanceada no nó raiz (30).

b)[80,40,100,120,90,30]



É AVL, pois esta balanceada

c)[10,50,4,90,20,8]

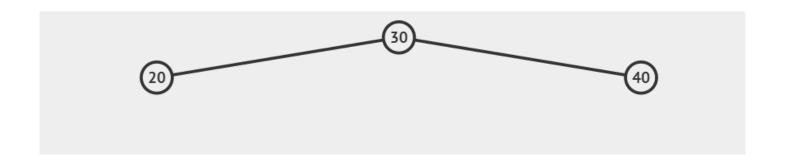


É AVL, pois esta balanceada

Rotação simples à Direita

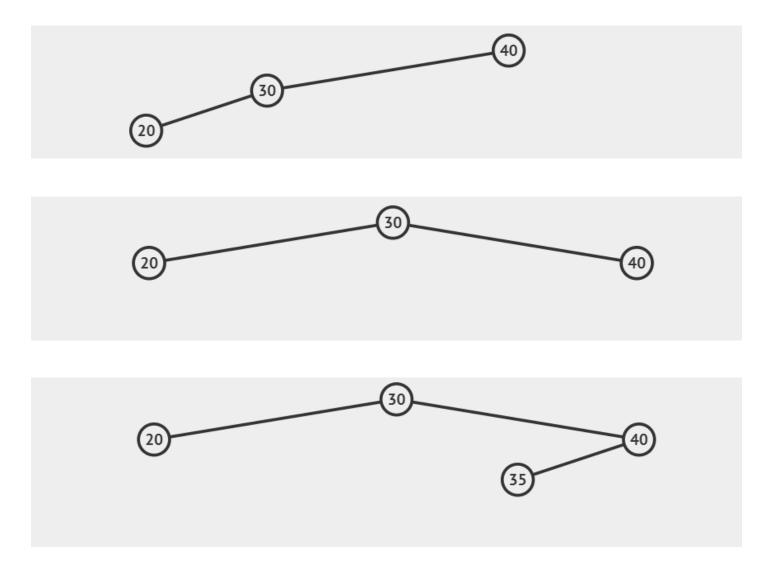
a)[40,30,20]



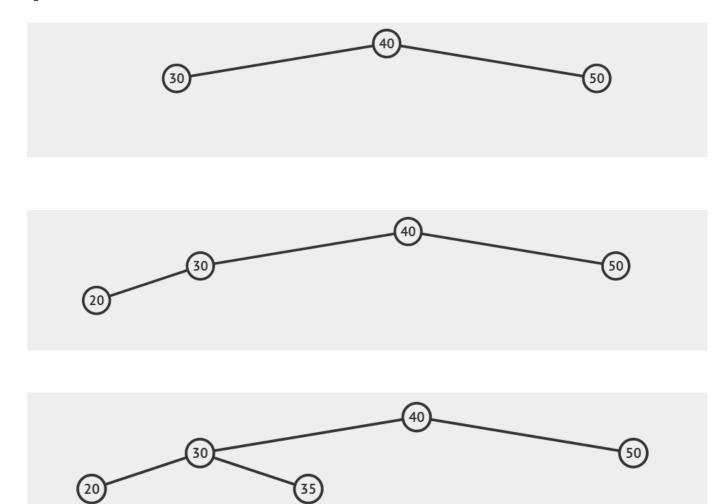


Rotação simples à Direita

b)[40,30,20,35]

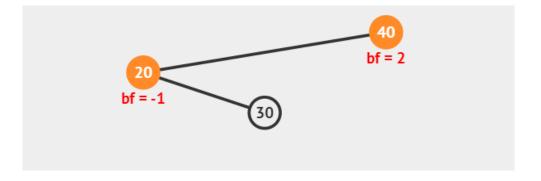


c)[40,50,30,20,35]

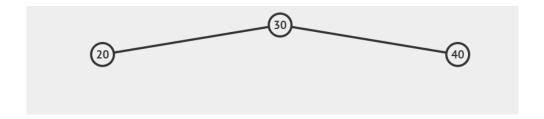


Rotação dupla a direita

[40,20,30]

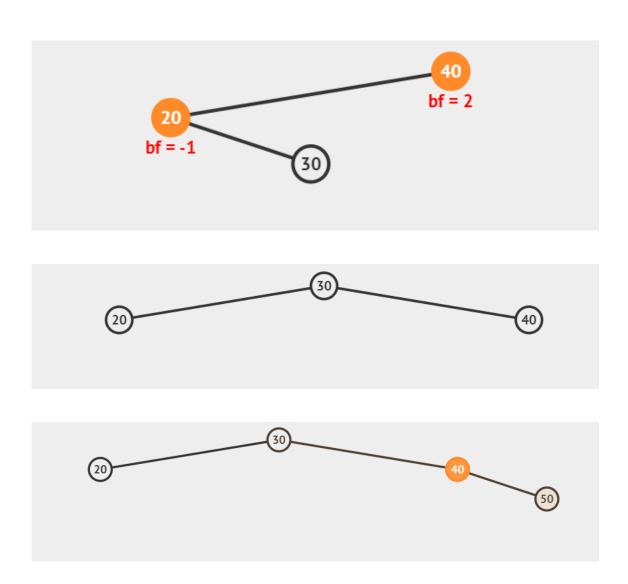






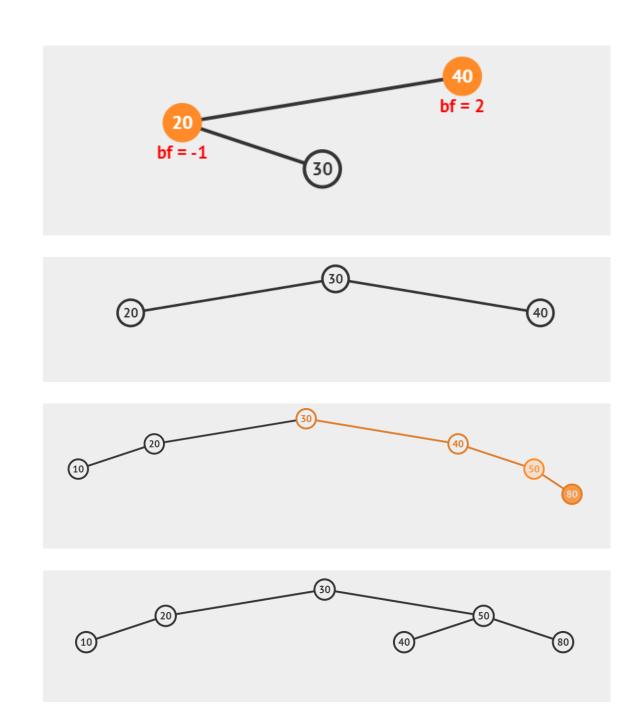
Rotação dupla a direita

b)[40,20,30,50]



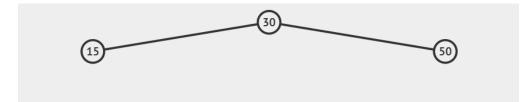
Rotação dupla a direita

c)[40,20,30,10,50,80]



a)[30,15,50,5,10,20, Exclua o 15, 18]

Adicionando valores 30,15,50



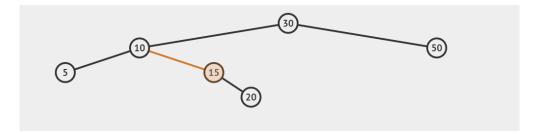
Adicionando valor 5



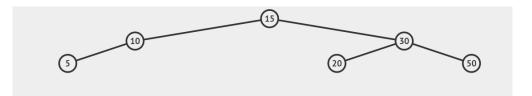
Adicionando valor 15



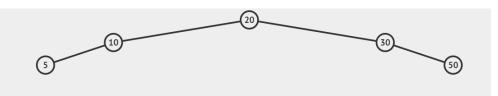
Adicionando valor 20



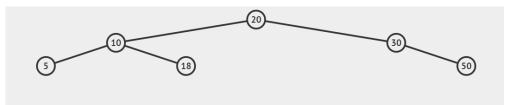
Rotação dupla a direita



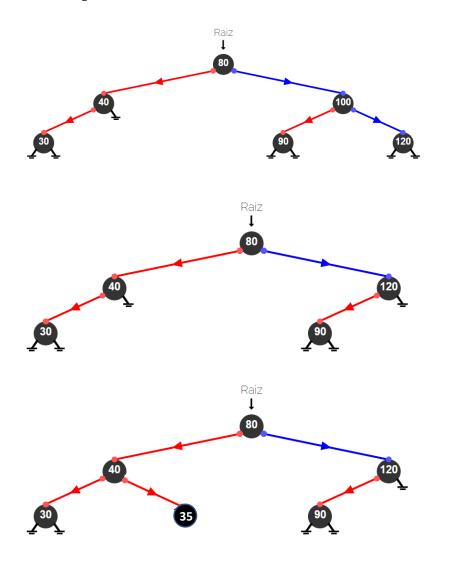
Remoção de nó com dois filhos

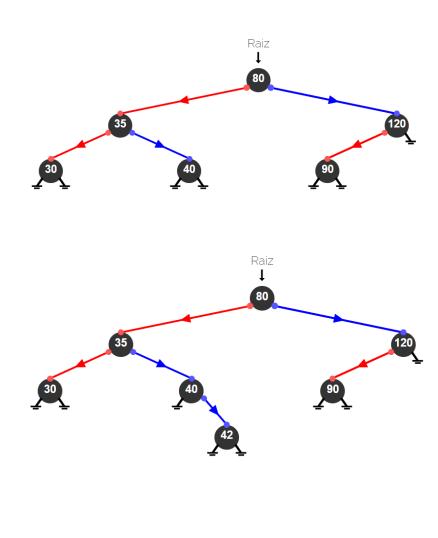


Adicionando valor 18

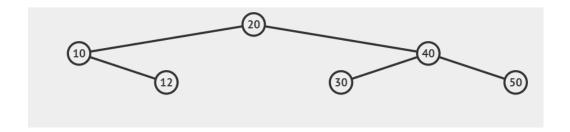


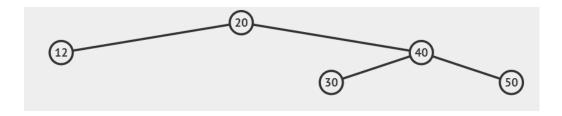
b)[80,40,100,120,90,30, Exclua o 100, 35, 42]



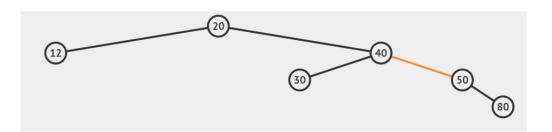


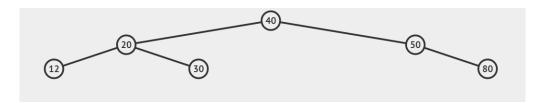
c)[20,10,40,30,50,12, Exclua o 10,80, 41, 37]



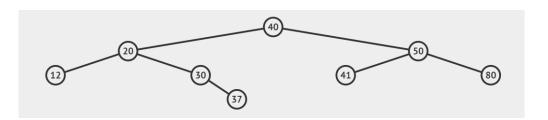




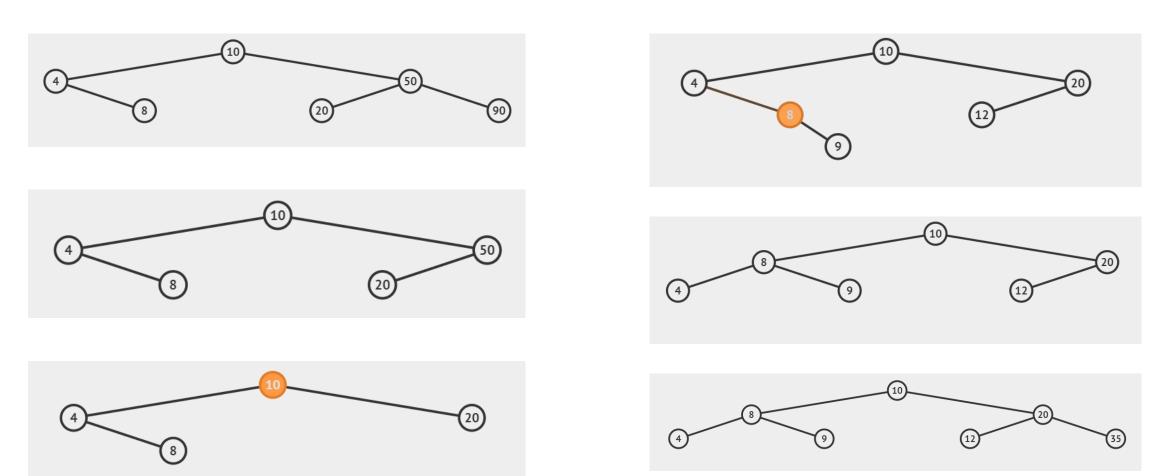




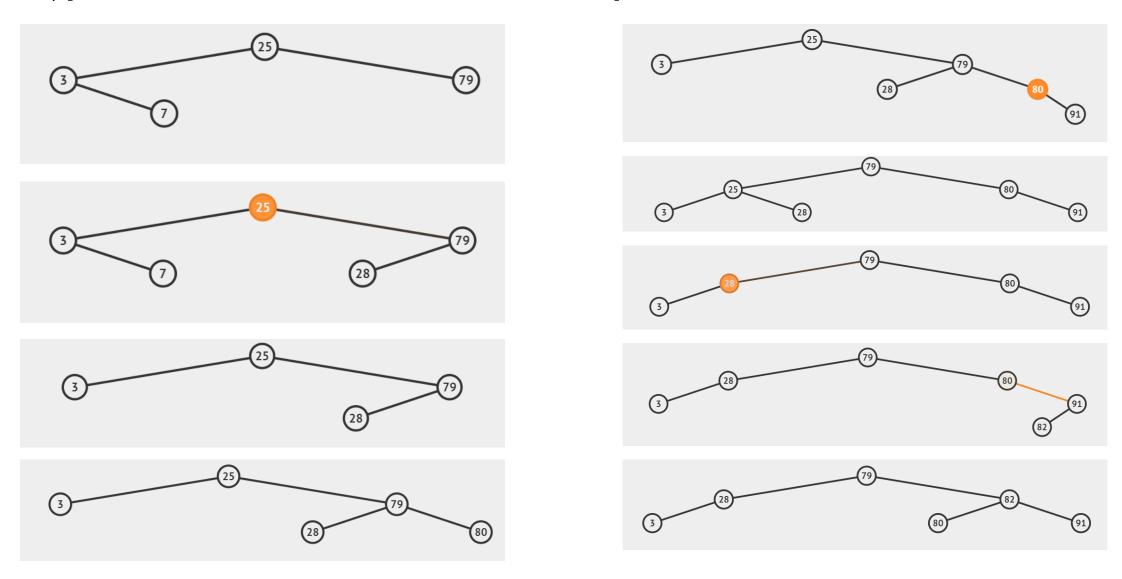




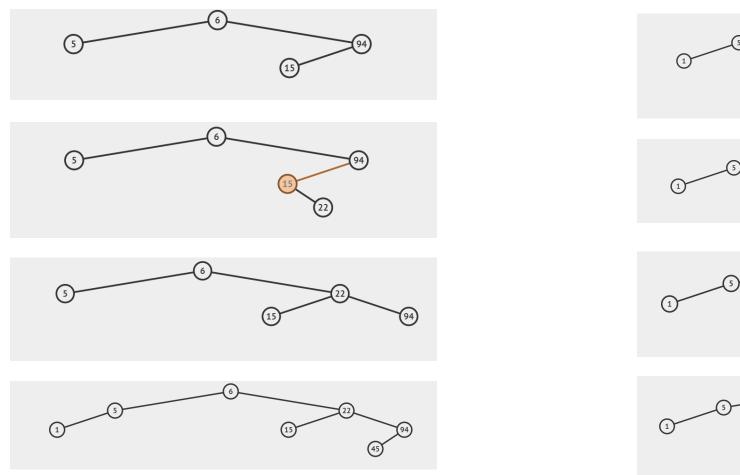
d) [10,50,4,90,20,8, Exclua o 90, Exclua o 50, 12, 9, 35]

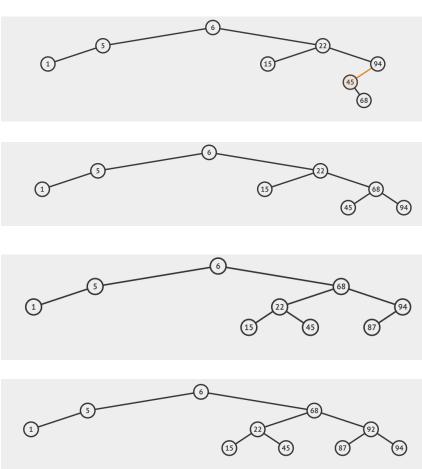


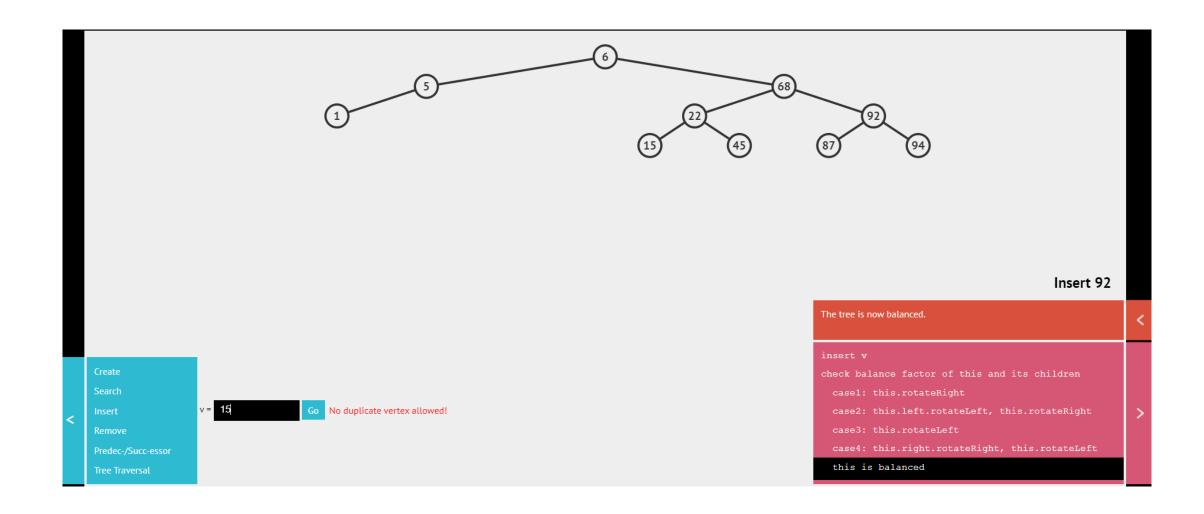
e) [79,25,3,7,28, Exclua o 7,80, 91, Exclua o 25, 82]



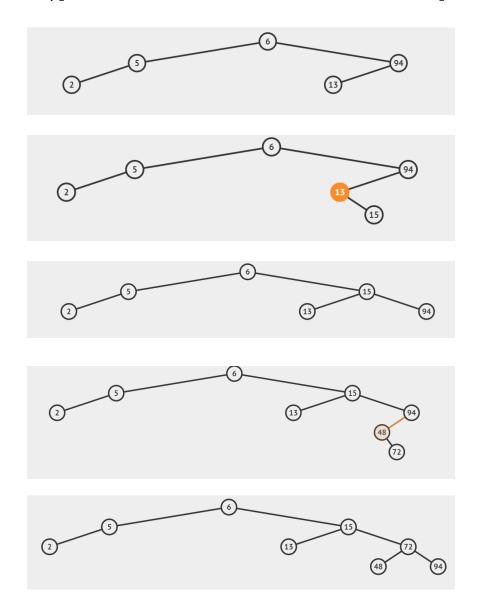
a)[06, 05, 94,15,22,01,45,68,87,92,15]

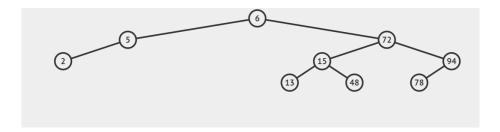


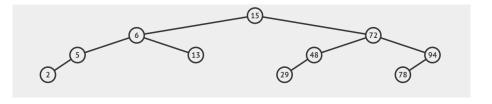




b)[06, 05, 94,02,13,15,48,72,78,29,51]

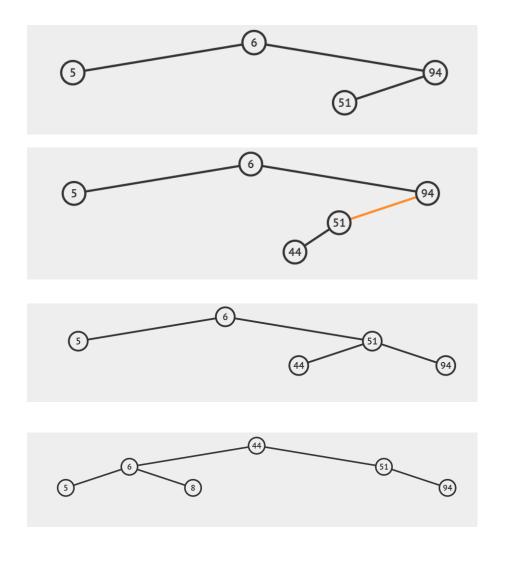


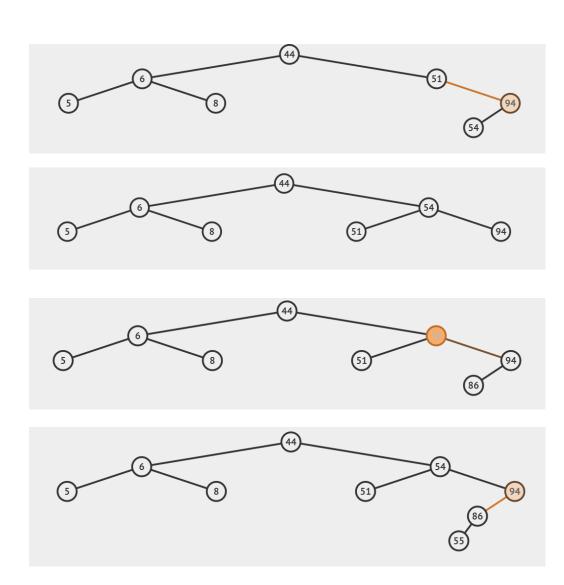






c) [06, 05, 94,51,44,08,54,86,55,38,92]





c) [06, 05, 94,51,44,08,54,86,55,38,92]

