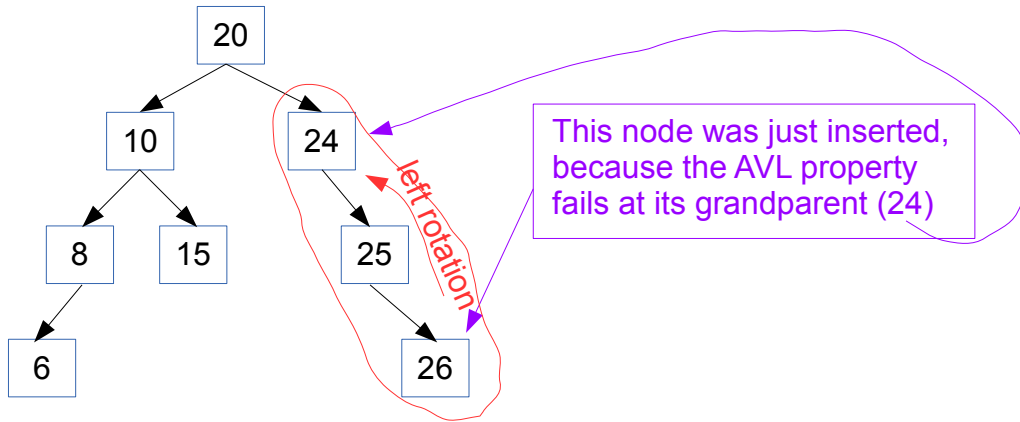


4.

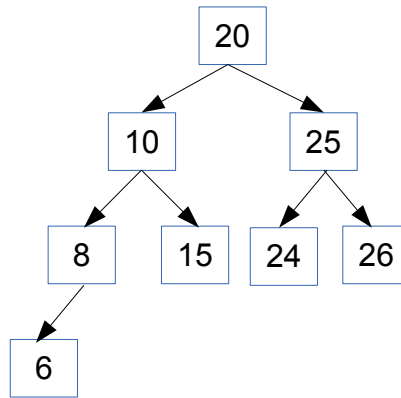


5. **right_single_rotate**

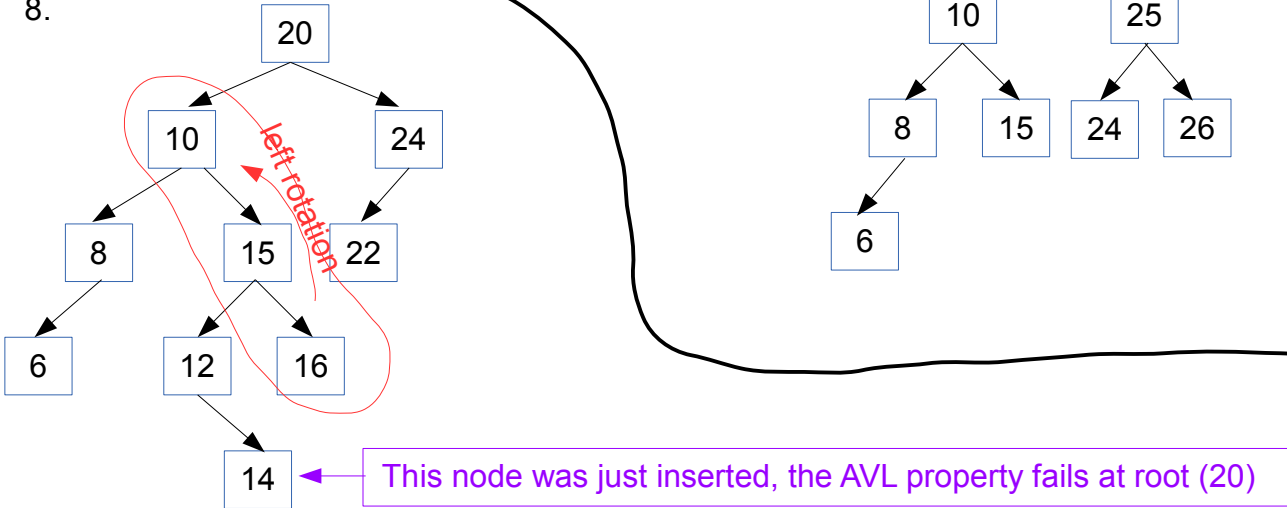
(the node was inserted into the right subtree of a right child, one rotation will fix it up)

6. tree node with value 24

7.



8.



9. **right_left_rotate**

(the node was inserted into the right subtree of a left child of 20, two rotations will fix it up)

10. the root (with value 20)

11. First, the **right_single_rotate** on node with 10 will be called

Then, **left_single_rotate** on the root will be called

