My current alpha release for the cheat sheet. Some comments are visible. Many more notes/diagrams needed. Back page still not utilized. Coloring of photo too dark.

---

Mine is so far similar to yours, however I also included:

**RBT**
- **insertion**: Takes $O(\log n)$ time
  - Max number of recolors is $O(\log n)$
  - At most 2 rotations
- **deletion**: Takes $O(\log n)$ time
  - Max number of recolors is $O(n \log n)$
  - At most 3 rotations

And a drawing of what a rotation looks like both ways.

---

Hopefully Lusth doesn't see what we're putting on our cheat sheets and take those questions off the test just to make it harder. :< :p :d

---

Also, it seems that the big-O runtime and maximum number of rotations per insertion is the same for AVLs as it is for RBTs, the difference being only that an AVL is more likely to make a rotation upon a call. Max rotations for AVL deletion is $O(\log n)$. 
At least, that's what people on the Internets say.

Subject: Re: Great™ Cheat Sheet 31337 V 0.0.1
Posted by lusth on Mon, 20 Feb 2017 23:34:56 GMT
View Forum Message <> Reply to Message

cdyancey wrote on Sat, 18 February 2017 18:46
Hopefully Lusth doesn't see what we're putting on our cheat sheets and take those questions off the test just to make it harder >.< :p :d

(evil laugh)

Subject: Re: Great™ Cheat Sheet 31337 V 0.0.1
Posted by wjtreutel on Tue, 21 Feb 2017 07:04:04 GMT
View Forum Message <> Reply to Message

lusth wrote on Mon, 20 February 2017 17:34
cdyancey wrote on Sat, 18 February 2017 18:46
Hopefully Lusth doesn't see what we're putting on our cheat sheets and take those questions off the test just to make it harder >.< :p :d

(evil laugh)
"Actually, now that you mention it... No, no, that would never work. But maybe..."