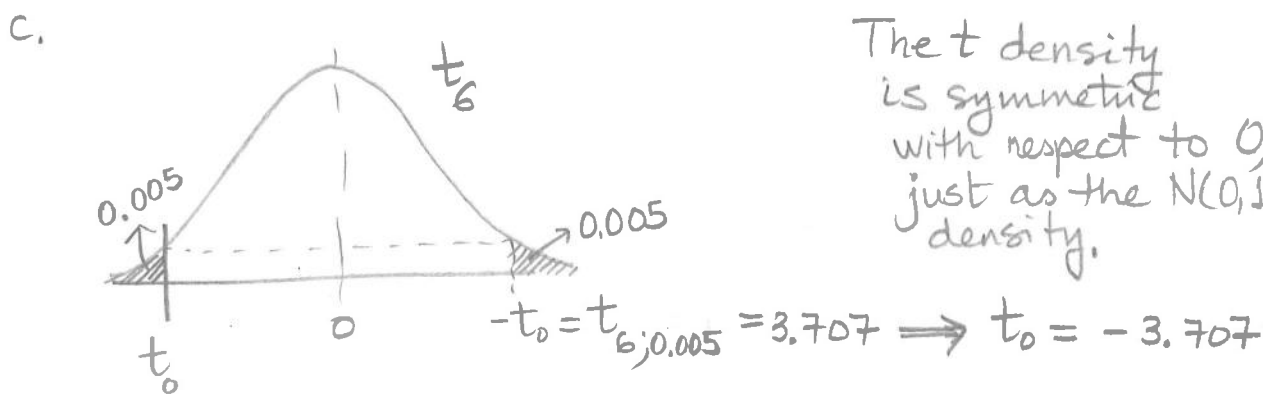
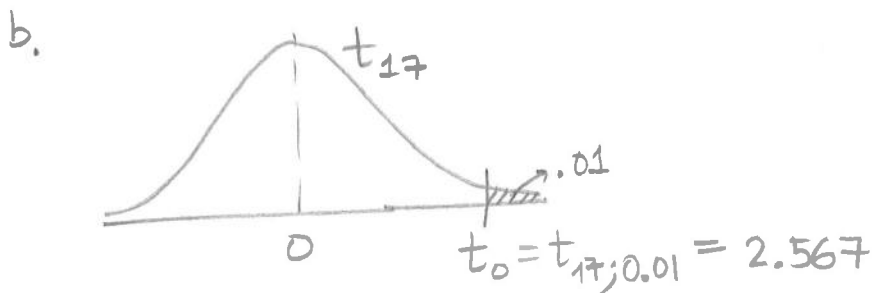
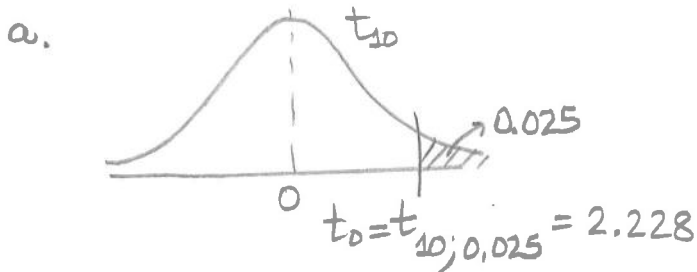


7.33

Let t_0 be a specific value of t . Use technology or Table III in Appendix B to find t_0 values such that following statements are true:

- $P(t \geq t_0) = .025$, where $df = 10$
- $P(t \geq t_0) = .01$, where $df = 17$
- $P(t \leq t_0) = .005$, where $df = 6$
- $P(t \leq t_0) = .05$, where $df = 13$



The t density is symmetric with respect to 0, just as the $N(0,1)$ density.

