6.012
Microelectronic Devices and Circuits

Spring 2005
May 6, 2005 - Homework 9
NOT FOR GRADE

Reading: Chapter 9: Sections 9.1-9.5

1. Howe and Sodini P9.7. Do not assume $V_{GS}-V_{Tn}$ = 0.3V, but you
    may assume V_{BE}=0.7V.
2. Howe and Sodini P9.8
3. Howe and Sodini P9.9
4. Howe and Sodini P9.14. Use the following figure if Figure P9.14 in
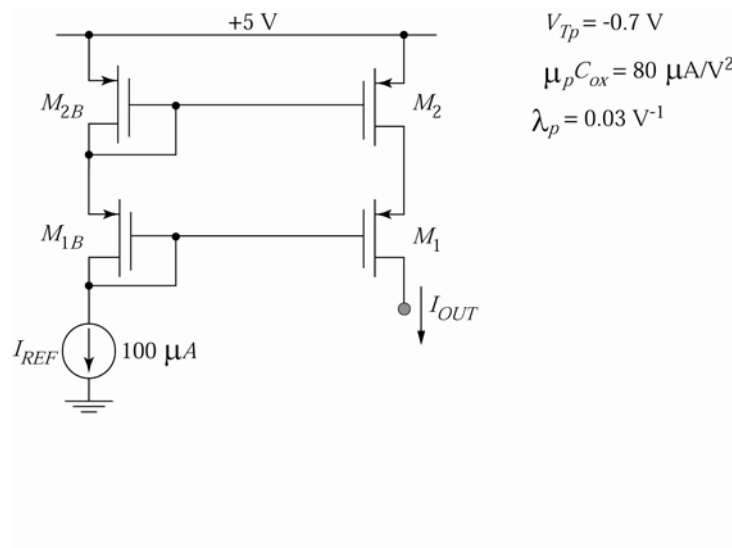   your book doesn't look like a cascade current source.

Figure P9.14

5. Howe and Sodini P9.17