140a HW 4 Due 2/5/19
$\star$ All numbered exercises are from Blundell and Blundell.

1. 13.7. Also, please compute $\Delta S_{\text {universe }}$ as a function of $T_{f}$, and verify that it always has the correct sign.
2. 14.1.
3. 14.4.
4. 14.5 .
5. 14.7.
6. 14.8.
7. 14.9 .
