

Key - CHE 101 HW 4b Extra Practice

1. 51,000 J
2. 220. KJ
3. 0.73 J/g•C
4. 12,000 nL
5. 97 C
6. 8.7 minutes
7. Brass because $S(\text{Brass}) < S(\text{Cast Iron})$ indicating that it will require less energy (thus less time) to heat
8. 0.736 J/g•C