MTH 450, Fall 2018, Homework 4, Due Thursday, Nov 1 ${ }^{\text {st }}$, 9:30am

1. Section 8.1: 5, 7, 8
2. Section 8.2: 12, 18
3. Section 8.3: $30[\mathrm{a}, \mathrm{e}], 34[\mathrm{~b}], 36[\mathrm{~b}, \mathrm{c}], 42$

In Problems 34 and 36, you can assume that the population distribution is normal.
4. Section 8.4: 46

