

1. Exercise 9.14 in the text. Find the confidence interval, not the “prediction interval” - this is something else we have not covered yet.
2. Exercise 9.22 in the text. Use the information provided to find a 99% confidence interval for the population mean. Do not do any of this “prediction” or “tolerance” stuff. We may get to that later.
3. Exercise 10.20 in the text.
4. Exercise 10.47 in the text.  
The power of the test is  $1 - P(\text{Type II Error})$ . Explain what this “power” means.
5. Exercise 10.22 in the text. You do not need to use a “P-value”.
6. Exercise 10.24 in the text. You do not need to use a “P-value”.