Written Homework 5, due Thursday 31 July 2008

Section 7-2

Page 334, Problem 32

    $0.663 < p < 0.731$; Yes

Page 337, Problem 52

    $0.894 < p < 1.006$

Section 7-3

Page 347, Problem 28

    $141.4 < \mu < 203.6$

Page 348, Problem 36

    $n \geq 236$

Section 7-4

Page 362, Problem 26

    95% CI for 4000 B.C.: $125.7 < \mu < 131.6$
    95% CI for 150 A.D.: $130.1 < \mu < 136.5$
    Look to see if the two Cis overlap or not—use this to guide your answer to the question

Page 363, Problem 32—make sure to provide an explanation along with your answer.

The CI limits will be closer—but why? Make sure to explain your answer.