

Statistics 23, Section 1, Homework # 9

Due: Thursday, November 4, 1999

6.15 a, b, c

6.24 (a. 3.5, 0.05 b. 0.954 c. 0.00820 d. 0.995, 0.000344)

6.26 (a. 0.00135 b. conclude decrease)

6.25

6.30 (a. approx.  $N\left(\mu, \frac{\sigma}{\sqrt{100}}\right)$  b.  $\mu$  c. 0.00621 d. refutes claim)

7.1 a, b

7.2 (80%, 67.8%)

7.3 using NORMINV to get cutoff

7.3 rework, using CONFIDENCE

7.5

7.13

7.15

7.17