

- p. 595: 22. (20 pts) We wish to study various issues regarding legal counseling for students at a certain university. Let p denote the proportion of students who required such counseling last year. In a sample of $n = 280$ students, only 20 had legal counseling last year.
- (a) (12 pts) Give a 90% confidence interval for p .
 - (b) (6 pts) Give a 95% confidence interval for p .
 - (c) (2 pts) Of the two intervals in parts (a) and (b), which interval is wider?