1. (From p. 536 #8) A reading test is given to both a control group and an experimental group (which received additional tutoring). The average score for the 30 subjects in the control group was 349.2 with a standard deviation of 56.6. The average score for the 30 subjects in the experimental group was 368.4 with a standard deviation of 39.5. Use a 4% level of significance to test the claim that the experimental group performed better than the control group.