

e. Comment of whether or not the conditions have been satisfied for the validity of the one-sample t-test?

f. Using the statistics found in part d, compute the value of the t-test statistic from the sample.

$$t = \frac{\bar{x} - \mu}{\left(\frac{s}{\sqrt{n}}\right)}$$

g. Use technology report the **p-value** for this study. Use an α level of .05.

h. Interpret the **p-value** in the context of these data and hypotheses. Write a sentence or two summarizing your conclusion about whether the sample data provides evidence that the mean points per game in the 1999-2000 season is higher than in previous seasons. Include an explanation of the reasoning process by which your conclusion follows from the test result.