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Reflect on the Question

Analyze the Data

Draw Conclusions

## Primary Research Questions

1. Do students at UT spend more time on homework per week in college than they did in high school?
2. Do students in fraternities and sororities get less sleep on the weekends than other college students?

(8 points possible)

## Write Your Conclusion

Answer the question and support your answer with statistics:

The average amount of difference in the time that UT students spent on homework in high school versus college was found to be  approximately normal . The difference showed that, in college, students spend  10.95 hours more on homework per week than in high school. This difference is significant ( $t(213) =$  16.81 ,  $p < 0.05$ ).

The distributions for the amount of sleep for students in either fraternities and sororities and other students are both  approximately normal. There  was not a significant difference between the students who are in the Greek system (mean=7.73) and those who are not (mean=8.04), with a t-statistic of  -0.981 ( degrees of freedom =62.95) and a p-value of  0.1652.

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Hide Answer

*You have used 0 of 2 submissions*

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