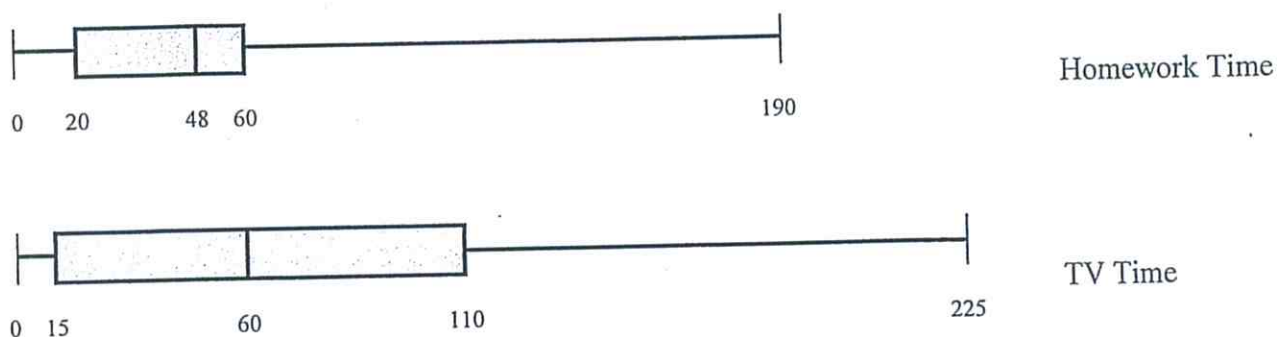_____ 9. How many sophomores do not do homework?

_____ 10. What percent of the sophomores spend less than 20 minutes per night on homework?

11. Would you expect the mean number of minutes per night to be higher or lower than the median? Explain.

_____

_____

For questions 12 – 23, refer to the box & whisker graphs below that compare homework time per night with TV time per night for the same group of sophomores.

TV & Homework Minutes per Night

Homework Time

0   20   48 60   190

TV Time

0   15   60   110   225

_____ 12. What percent of the sophomores watch TV for at least 15 minutes per night?

_____ 13. What is the 3rd quartile for the TV time data?

14. Is it more common for a sophomore at this high school to spend more than 1 hour on homework or more than 1 hour watching TV? Explain.

_____

_____

_____

For questions 15 – 23, identify if each statement is true, false, or cannot be determined.

_____ 15. Some sophomores didn't watch TV that month.

_____ 16. The TV box & whisker graph contains more data than the homework graph.

_____ 17. 25% of the sophomores spend between 48 & 60 minutes per night on homework.