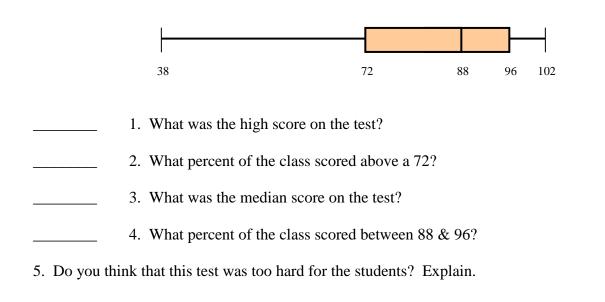
Name ____

_____ Period _____

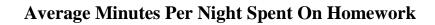
Interpreting a Box & Whisker Plot

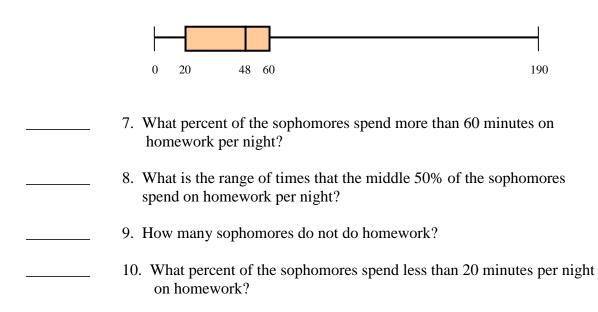
For questions 1 - 5, refer to the box & whisker graph below which shows the test results of a math class.

Test Scores (as %) for 9th Period



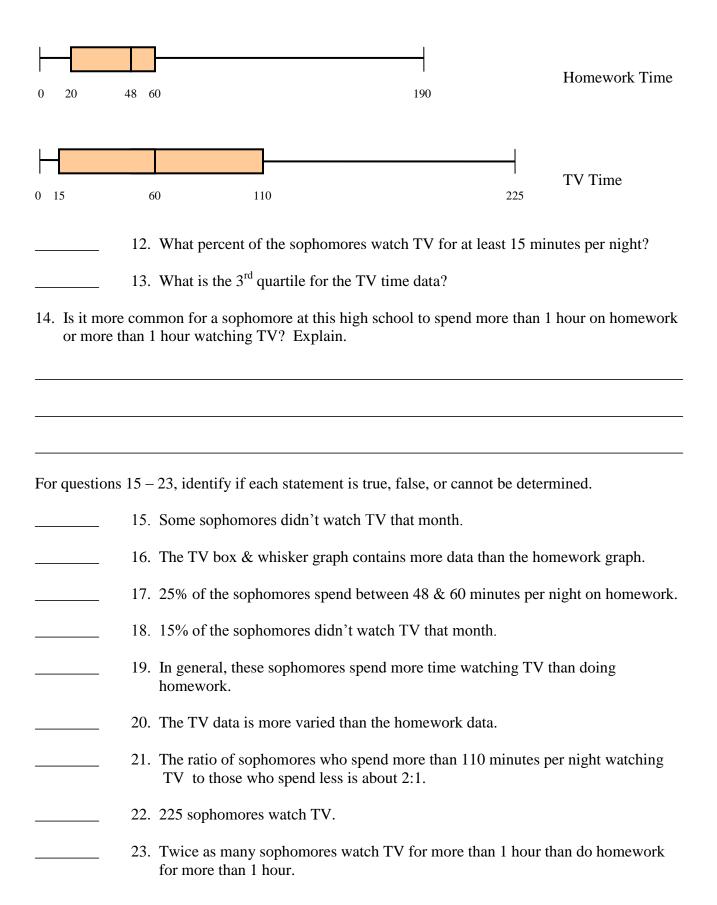
For questions 7 - 10 refer to the box & whisker graph below that shows how much time was spent per night on homework for sophomore class at a certain high school during September.



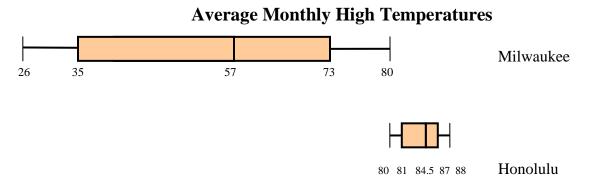


For questions 12 - 23, refer to the box & whisker graphs below that compare homework time per night with TV time per night for the same group of sophomores.

TV & Homework Minutes per Night



For question 25, refer to the box & whisker graphs below that show the average monthly high temperatures for Milwaukee, Wisconsin & Honolulu, Hawaii.



25. Complete the table using the box and whisker plots for Honolulu and Milwaukee.

| | Milwaukee | Honolulu |
|---------------------|-----------|----------|
| Median | | |
| Minimum | | |
| Maximum | | |
| Lower quartile | | |
| Upper quartile | | |
| Interquartile range | | |

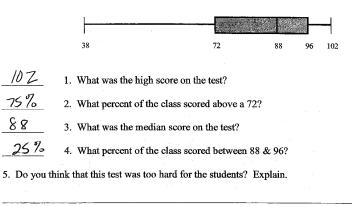
Name

_ Period ____

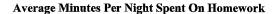
Interpreting a Box & Whisker Plot

For questions 1-5, refer to the box & whisker graph below which shows the test results of a math class.

Test Scores (as %) for 9th Period



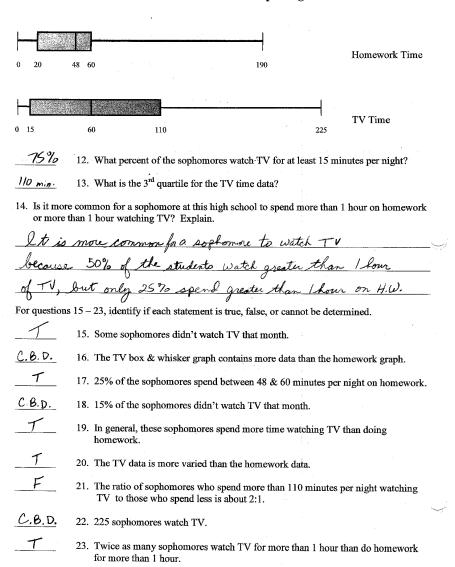
For questions 7-10 refer to the box & whisker graph below that shows how much time was spent per night on homework for sophomore class at a certain high school during September.



| | 0 20 48 60 | 190 |
|------------|--|---------------------|
| 25% | 7. What percent of the sophomores spend more than homework per night? | 60 minutes on |
| 40 min | 8. What is the range of times that the middle 50% o spend on homework per night? | f the sophomores |
| Can't tell | 9. How many sophomores do not do homework? | • |
| 25% | 10. What percent of the sophomores spend less than on homework? | 20 minutes per nigh |
| | | |

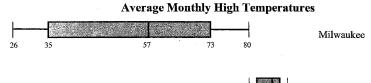
Box & Whisker For questions 12 - 23, refer to the box & whisker graphs below that compare homework time per night with TV time per night for the same group of sophomores.





Box & Whisker

For question 25, refer to the box & whisker graphs below that show the average monthly high temperatures for Milwaukee, Wisconsin & Honolulu, Hawaii.



80 81 84.5 87 88 Honolulu

25. Complete the table using the box and whisker plots for Honolulu and Milwaukee.

| | Milwaukee | Honolulu |
|---------------------|-----------------------|----------|
| Median | 57°F | 84.5 °F |
| Minimum | 26 °F | 80 F |
| Maximum | 80 F | 88 °F |
| Lower quartile | 35 °F | 81°F |
| Upper quartile | 13 °F | 87°F |
| Interquartile range | ⁷³⁻³⁵ 38 F | 87-81 6F |

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