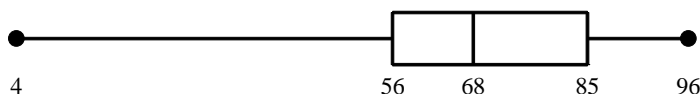


NAME: _____

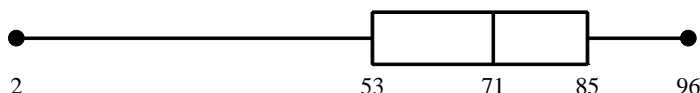
P.I. A.S.9: Analyze and interpret a box-and-whisker plot

1. Ms. Brodie drew a box-and-whisker plot to represent her students' scores on a mid-term test.



Christina earned 85 on the test. Describe how her score compares with those of her classmates.

2. Ms. Brodie drew a box-and-whisker plot to represent her students' scores on a mid-term test.



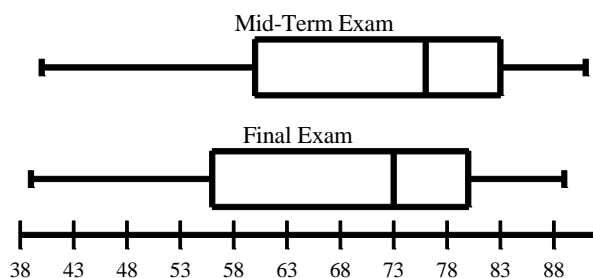
Barbara earned 71 on the test. Describe how her score compares with those of her classmates.

3. Ms. Brodie drew a box-and-whisker plot to represent her students' scores on a mid-term test.

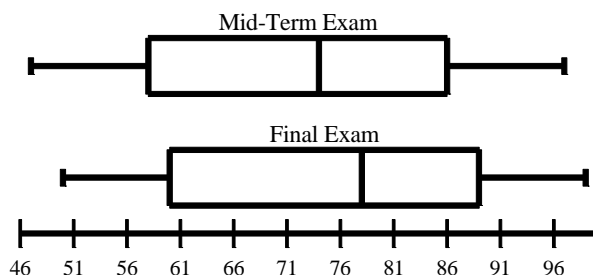


Marty earned 55 on the test. Describe how his score compares with those of his classmates.

4. Ms. Brodie drew two box-and-whisker plots to represent her students' scores on the mid-year test and the final exam. What do the plots tell you about the progress of Ms. Brodie's class?



5. Ms. Brodie drew two box-and-whisker plots to represent her students' scores on the mid-year test and the final exam. What do the plots tell you about the progress of Ms. Brodie's class?



[1] about 25% scored higher; about 75% scored
lower

[2] about 50% scored higher; about 50% scored
lower

[3] about 75% scored higher; about 25% scored
lower

[4] The class did better on the mid-term than on
the final.

[5] The class improved on the final exam.
