

- 3) The frequency distribution below summarizes employee years of service for Alpha Corporation. Determine the width of each class.

Years of service	Frequency
1- 5	5
6- 10	20
11- 15	25
16- 20	10
21- 25	5
26- 30	3

A) 4

B) 6

C) 10

D) 5

8) 19 6 19 15 14 5 18 15 13

A) 5.5

B) 1.7

C) 5.2

D) 4.9

- 12) Which is better, a score of 92 on a test with a mean of 71 and a standard deviation of 15, or a score of 688 on a test with a mean of 493 and a standard deviation of 150?
- A) A score of 92
 - B) Both scores have the same relative position.
 - C) A score of 688

15) Jeanne is currently taking college zoology. The instructor often gives quizzes. On the past five quizzes, Jeanne got the following scores:

17 18 1 20 13

A) 46.2

B) 57.7

C) 57.6

D) 97.4

The following are amounts of time (minutes) spent on hygiene and grooming in the morning by survey respondents. Determine the 5-number summary and construct a boxplot for the data given below.

6 8 8 9 13 14 18 19 20 21 21 22 22 26 35 57 60 60 

The 5-number summary is , , , , .

(Use ascending order. Type integers or decimals.)

The following are speeds (mi/h) of cars measured with a radar gun. Determine the 5-number summary and boxplot for the data given below.

70 71 71 72 72 72 73 75 75 76 78 78 79 79 80 

The 5-number summary is , , , ,

(Use ascending order. Type integers or decimals.)

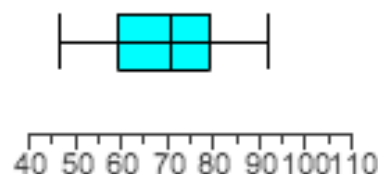
Use the same scales to construct boxplots for the pulse rates of males and females from the accompanying data sets. Use the boxplots to compare the two data sets.



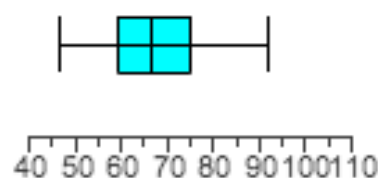
Click the icon to view the data sets.

Determine the boxplot for the men's pulse rate data.

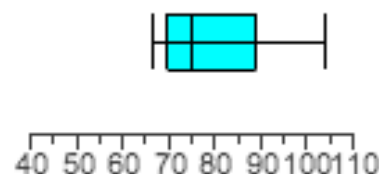
☐ A.



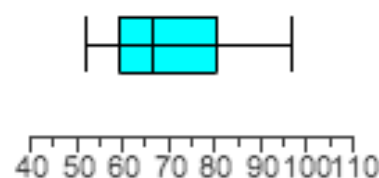
☐ C.



☐ B.



☐ D.



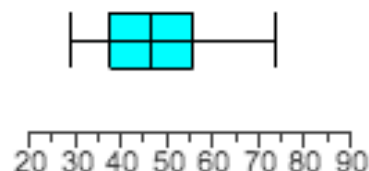
Use the same scale to construct boxplots for the ages of the best actors and best actresses from the accompanying data sets. Use the boxplots to compare the two data sets.



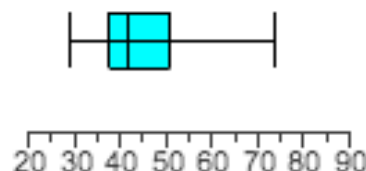
Click on the icon to view the data sets.

Determine the boxplot for the actors data.

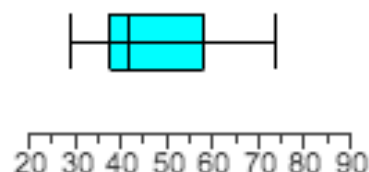
☐ A.



☐ B.



☐ C.



☐ D.

