

Chapter Six Test Review

Use the stem and leaf plots to answer 1-5.

Heights of Students	
Stem	Leaves
4	5 7 8 8 9
5	1 2 2 3 4 5 5 6 6 7 7 8 8 9
6	0 0 0 1 2

Key: 5 | 2 means 52 inches

1. What is the range of heights? _____
2. What is the median height? _____
3. How many heights above 55 inches were recorded? _____
4. What is the mode of the heights? _____
5. How many heights are recorded on this plot? _____

Top 5 names of people who can eat the most hot dogs in 10 minutes

Player	# Hot Dogs
Bob Bunner	27
Dave Bell	68
Harold Campbell	27
Nicole Whitbun	96
Josh Dagg	57

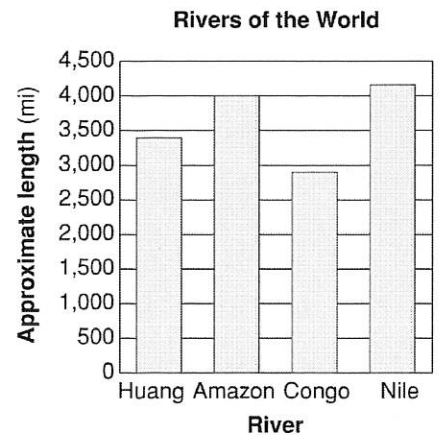
What are the mean, median, mode and range of this set of data?

6. Mean= _____ 7. Median= _____
8. Mode= _____ 9. Range= _____

Use the bar graph to answer questions #10-15.

10. Which river is the longest? _____
11. About how much longer is the Amazon than the Congo? _____
12. About how much longer is the Nile than the Huang? _____
13. What's the difference in lengths of the longest & shortest river?

14. Which river is the shortest? _____
15. How long are the two shortest rivers combined? _____

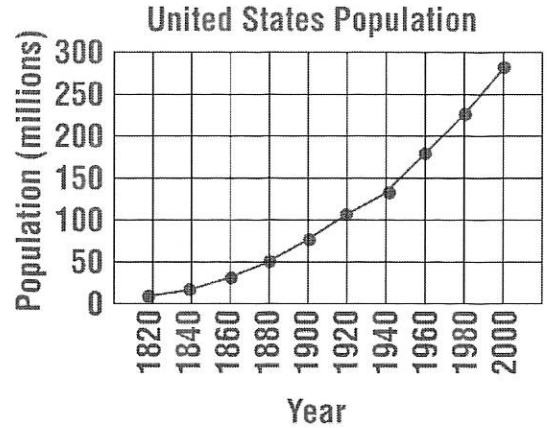


Use the line graph to answer questions #16-21.

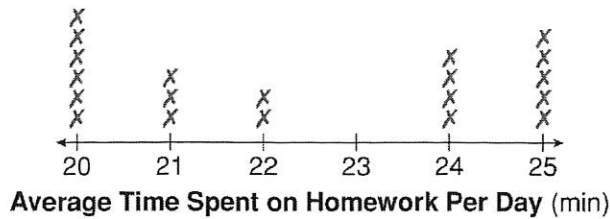
16. When was the population the highest? _____
17. When was the population the lowest? _____
18. How much did the population increase from 1820 to 1920?

19. Was there ever a decrease in population? _____
20. How much did the population increase from 1920 to 2000?

21. What is a general statement you can make about the population of the U.S. from 1820 to 2000?



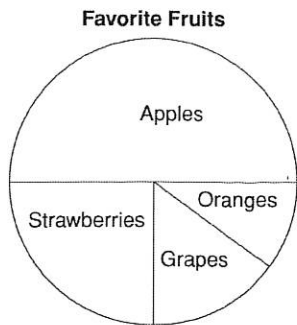
Use the line plot below to answer 22-26.



22. What is the median number of minutes spent on homework?

23. What is the most time spent on homework by an individual student?

24. What is the mean amount of time spent on homework? _____
25. How many students spent between 20 and 24 hours on homework? _____
26. How many students spent at least 20 minutes on homework? _____

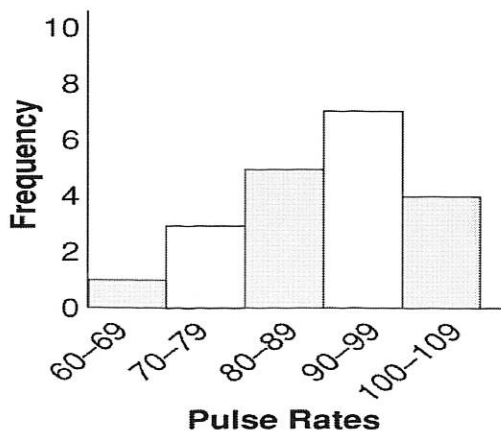


Use the circle graph above to answer 27-30.

27. Do more people eat strawberries or apples? _____
28. Which fruit represents 50%? _____
29. According to the survey, 25% of people eat strawberries. A total of 200 people were surveyed. How many people eat strawberries? _____
30. If grapes represent 15%, what % do the other three fruits represent in all?

Use the histogram to answer 31-35.

Patients' Pulse Rates



31. How many pulse rates make up each interval? _____
32. Which interval of pulse rates shows the least frequency of patients? _____
33. What is the total number of patients represented? _____
34. How many intervals are shown on the Histogram? _____
35. How many patients had a pulse rate of at least 90? _____