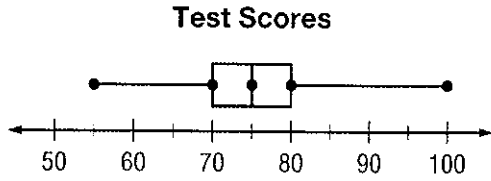


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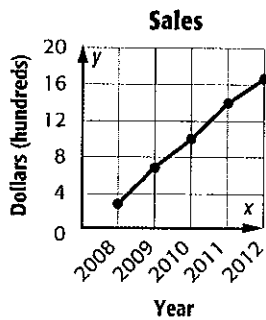
SCORE _____

Write the letter for the correct answer in the blank at the right of each question.

For Exercises 1-6, use the box plot. It shows the test scores of a history class.



1. What is the interquartile range of the data? 1. _____
2. What is the third and first quartiles of the data? 2. _____
3. What percent of students scored at least 70 on the test? 3. _____
4. Is the data symmetric? Explain. 4. _____
5. Which measure would you use to describe the center of the data? 5. _____
6. Which measure would you use to describe the spread of the data? 6. _____
7. The line graph shows the sales, in hundreds of dollars, of magazines from a business for the past several years. If the trend continues, predict what the sales will be in 2015. 7. _____



8. The table shows the lengths (in seconds) of student's favorite hit singles. Make a histogram to represent the data.

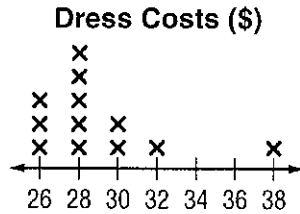
Length of Hit Single (s)				
220	150	220	205	256
178	261	258	327	275
166	341	157	208	219
184	265	225	329	248

8.

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SCORE _____

For Exercises 9-11, use the line plot that shows the costs of dresses.

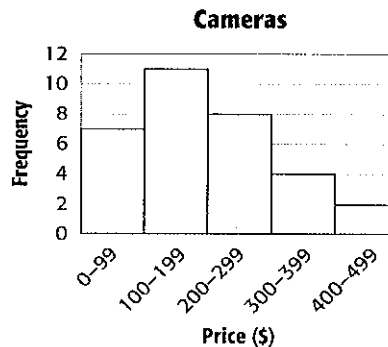


9. What is the range of the data? 9. _____

10. What is the peak of the data? 10. _____

11. Choose the appropriate measures to describe the center and spread of distribution. Justify your response based on the shape of the distribution. 11. _____

For Exercises 12 and 13, refer to the histogram. It shows the cost of cameras at a store.

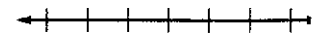


12. Which interval has the greatest number of cameras? Which measure of center does this represent? 12. _____

13. How many cameras cost between \$200 and \$399? 13. _____

14. The table shows the number of pets owned by students in a class. Make a line plot of the data.

Number of Pets					
0	6	1	2	0	1
2	0	5	2	1	2
1	1	4	1	1	2



14.