

Draw Conclusions and Make Predictions

Ask Yourself

- Do most of the data center around one number or a few numbers?
- Which statistic best describes the typical number in the data—the mean, the median, or the mode?

Use the data from the line plot for Problems 1–3.

1. How many holes were played?

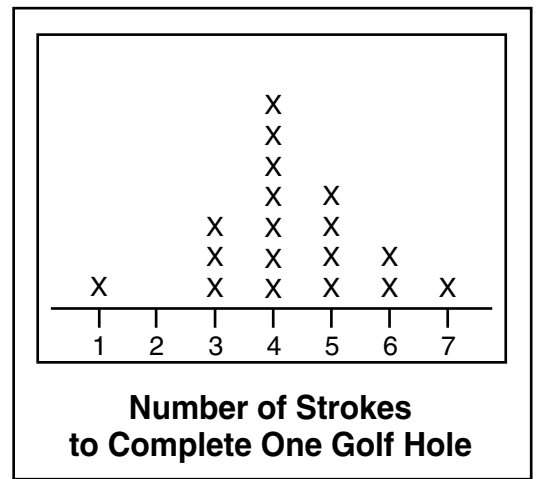
2. Find the mean, median, and mode of the data.

Mean _____

Median _____

Mode _____

3. Use the mean, median, or mode to predict how many strokes you would need to complete a golf hole. Explain your answer.



Use the data from the table for Problems 4–7.

9	6	2	8	7	3	5	1	4	6	2	6	5	7	4
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4. Show the data on a line plot.

5. What is the mean and median of the data?

Mean _____

Median _____

6. What is the mode and range of the data?

Mode _____

Range _____

Problem Solving

7. Suppose you were the coach of the next team the Tigers face. How many runs do you think your team needs to score in order to beat the Tigers? Give reasons for your answer.

Show Your Work