

Create Dot Plots Worksheets

1. The data below are the number of goals scored by a professional indoor soccer team over its last 23 games.

8 16 10 9 11 11 10 15 16 11 15 13 8 9 11 9 8 11 16 15 10 9 12

- Make a dot plot of the number of goals scored.
- What number of goals describes the center of the data?
- What is the least and most number of goals scored by the team?
- Over the 23 games played, the team lost 10 games. Circle the dots on the plot that you think represent the games that the team lost. Explain your answer.

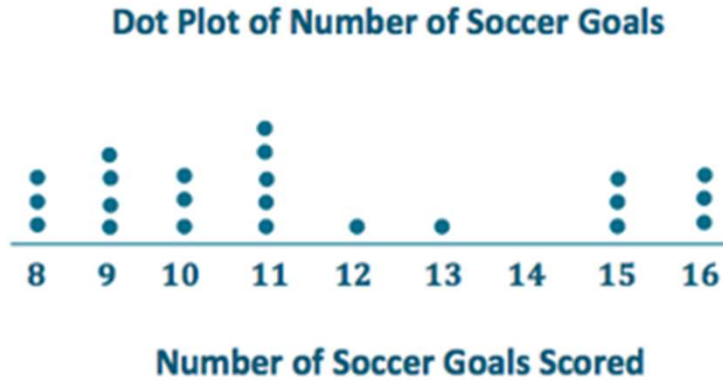
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Create Dot Plots Worksheets

1. The data below are the number of goals scored by a professional indoor soccer team over its last 23 games.

8 16 10 9 11 11 10 15 16 11 15 13 8 9 11 9 8 11 16 15 10 9 12

a. Make a dot plot of the number of goals scored



b. What number of goals describes the center of the data?

The center of the data is around 11 or 12. (Answers may vary, but student responses should be around the center of the data distribution.)

c. What is the least and most number of goals scored by the team?

The least number of goals scored is 8, and 16 is the most.

d. Over the 23 games played, the team lost 10 games. Circle the dots on the plot that you think represent the games that the team lost. Explain your answer.

Students will most likely circle the lowest 10 scores, but answers may vary. Students need to supply an explanation in order to defend their answers.