

# Stem-and-Leaf Plots

A black and white line drawing of a young boy with short hair, wearing a tank top and shorts, dribbling a basketball. The ball is in motion, indicated by curved lines around it. To the left of the boy, there is a large, bold letter 'S' inside a rounded rectangle, and the word 'etball' is written below it, completing the word 'Basketball'.

# ANSWER KEY

## Stem-and-Leaf Plots

Coach Gutierrez calculates the total score for each basketball game that her high school team has played in so far this season. Use the combined point totals listed below to fill in the stem-and-leaf plot and answer the questions.



117 126 106 124 114 97 101 102 106 119 115 89 104  
127 110 98 116 114 149 112 119 121 120 103 90 128 111

Add a title:

Answers may vary. Example: Total Game Score

stem	leaf
8	9
9	0 7 8
10	1 2 3 4 6 6
11	0 1 2 4 4 5 6 7 9 9
12	0 1 4 6 7 8
13	
14	9

Key:

8 | 9 = 89

Answers will vary  
but must indicate  
10s and 1s.

1. What unit is the data measured in?
2. How many games have been played so far?
3. What is the range of total points scored?
4. How many games had scores above 125 points?
5. List the scores that occurred multiple times.
6. **True or false:** Scores of 110–119 points are equally common as scores of 80–109 points.

points

27 games

60 points

4 games

106, 114, 119

true