

Make and Use a Stem-and-Leaf Plot

Use the stem-and-leaf plot for Problems 1–4.

1. What does 1|4 mean in this stem-and-leaf plot?

2. How many people are represented in the data?

3. **Write About It** Identify any clusters and gaps you see. What do these tell you about the data?

4. Find the mean, median, mode, and range of the data.

Ages of People at Camp	
Stem	Leaf
1	2 2 2 2 2 3 3 3 4 4 4 4
2	2 5 5
3	6
4	
5	3
6	2

6|2 means 62.

Make a stem-and-leaf plot for the data at the right. Then solve Problems 5–7.

5. What was Amy's highest score? Her lowest?

6. In which group did Amy have the most scores: forties, fifties, sixties, or seventies?

7. Find the mean, median, mode, and range of the data.

Amy's Riding Test Scores
55 58 48 60 62 58 70 56
62 65 61 58 54

Test Prep

8. If you made a stem-and-leaf plot for the following data, which stem would have no leaves?
10, 32, 14, 18, 6, 18, 4
9. What is the difference between the greatest score and the least score?

- A 0 C 1
B 2 D 3

Science Quiz Scores	
Stem	Leaf
2	2 5 5
3	0 5 5
4	3 5 5 5 6

3|0 means 30.