

Use Stem-and-Leaf Plots

A **stem-and-leaf** plot is a frequency display that shows groups of whole numbers arranged by place value, and ordered from least to greatest. The leaves column displays the ones digits of the numbers. The stem column displays all of the other digits.

A girls fifth- and sixth-grade basketball team plays games every season. The number of points the team scored in each game last season is shown in the stem-and-leaf plot at the right.

How many times did the team score more than 20 points?

Think: 20 is represented by 2 | 0.

The points scored that are more than 20 are

21, 23, 26, 27, 30.

So, the team scored more than 20 points 5 times.

Points Scored Last Season

Stem	Leaves
0	9
1	2 4 5 8 8 9
2	1 3 6 7
3	0

Key: 2 | 1 represents 21 points.

Use the stem-and-leaf plot for 1–4.

1 How many times did the team score fewer than 15 points?

2 How many times was the number of points scored a 2-digit number?

3 What number of points was scored most often by the team?

4 How many games did the team play last season? **Explain.**
