

STEM / LINE
w/s

NAME _____ DATE _____ PERIOD _____

Skills Practice

Stem-and-Leaf Plots

Make a stem-and-leaf plot for each set of data.

1. Points scored in football games:

18, 16, 13, 20, 33, 58, 32, 14, 61, 67, 52

2. Quiz scores:

61, 75, 62, 63, 74, 71, 75, 82, 64, 81, 91, 65

3. Weekly baby-sitting earnings:

\$52, \$49, \$37, \$21, \$65, \$23, \$49, \$51,
\$22, \$21, \$24, \$47, \$44, \$53, \$61

4. Daily high temperature:

82°, 91°, 80°, 55°, 63°, 54°, 83°, 90°, 84°,
91°, 59°, 62°, 50°, 92°, 85°, 92°, 92°

SPORTS For Exercises 5–8, use the stem-and-leaf plot that shows the total number of points earned by each volleyball team at a tournament.

5. What was the greatest number of points earned?

6. What was the least number of points earned?

7. How many teams earned more than 50 points?

8. Between what numbers are most of the points earned?

Stem	Leaf
2	9
3	6 6 7 8 9
4	4 5 5 7 9
5	1 4 9
6	1 3 5

$4|5 = 45$ points

Skills Practice

Line Plots

Make a line plot for each set of data.

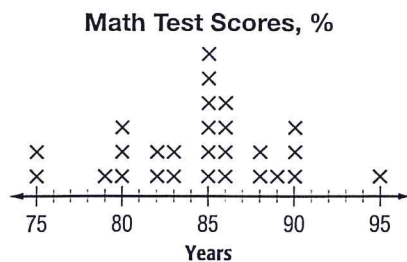
1.

Average Points Per Game for NBA Leading Scorers				
25	25	30	30	21
21	22	26	25	21

2.

Daily High Temperature for a 2-Week Period (°F)						
71	71	75	65	65	68	71
62	70	71	65	70	72	72

GRADES For Exercises 3–6, use the line plot below.



- How many students had a score of 80% on the math test?
- Which test score did the most students score on the math test?
- What is the difference between the highest and lowest test score?
- Write one or two sentences that analyze the data.