

Name _____

Date _____

Making stem-and-leaf plots, range, mode, and median



Camp Hot Times

Tina Henry and many kids having weather Henry thinks he and his sister should go to Camp Hot Times in July because there's a greater variety of temperatures that month. Henry thinks August has a better mix of weather so they've been decided to look at last year's temperatures to settle the debate.



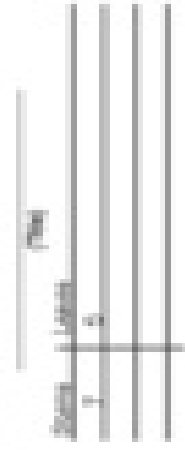
Here are the noon temperatures during July of last year at Camp Hot Times:

80°	80°	80°	80°	81°	81°
80°	80°	80°	81°	81°	81°
80°	80°	81°	80°	81°	81°
81°	81°	80°	80°	81°	81°
81°	80°	80°	80°	81°	81°
81°	80°	81°	80°	81°	81°

Part 1. Now that's a lot of numbers! Help Henry and Henry organize the data.

1. List all of the temperatures in order from least to greatest. The list has been started for you. 80

2. Make a stem-and-leaf plot below. Separate each temperature into stems (tens) and leaves (ones). List the numbers in order from least to greatest. The first one has been done for you. Give the stem-and-leaf plot a title.



Answer Box: It's decision time! During which month should the kids go to Camp Hot Times? Explain.

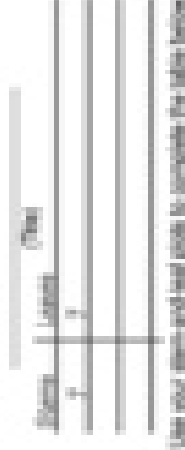
Here are the noon temperatures during August of last year at Camp Hot Times:

80°	80°	80°	81°	81°	81°
80°	80°	80°	81°	81°	81°
80°	80°	80°	81°	81°	81°
81°	81°	80°	80°	81°	81°
81°	80°	80°	80°	81°	81°
81°	80°	81°	80°	81°	81°

Part 2. Whew! That's a lot of numbers, too! Help the kids organize the data.

1. List all of the temperatures in order from least to greatest. The list has been started for you. 80

2. Make a stem-and-leaf plot below. Separate each temperature into stems (tens) and leaves (ones). List the numbers in order from least to greatest. The first one has been done for you. Give the stem-and-leaf plot a title.



Part 3. Use your stem-and-leaf plots to complete the table below.

	July temperature	August temperature
range		
mode		
median		