

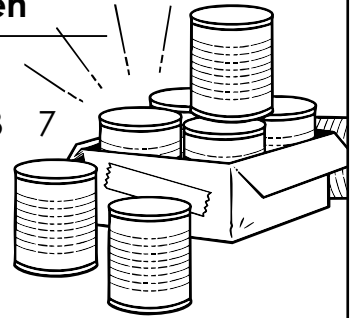
Name: _____

Back-to-Back Stem-and-Leaf Plot

Use the information in the back-to-back stem-and-leaf plot to answer the questions.

To add interest in the school's canned food drive, Mr. Russell divides his class into teams: Blue and Green. He tells them that they will be running statistical analyses on the numbers of donatable goods they bring in. Calculations will determine which team receives a small prize.

Food Items Brought In				
Blue			Green	
	9	0	5	
9 4 2 0 0		1	0 3 3 7	
	9 5	2	2 8	
		3	6	
	3	4		



Results are displayed in the table. **Key:** 0 | 1 = 10 **Key:** 1 | 0 = 10



Preview

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Blue: _____ Green: _____ Overall: _____

5. Find the median for each.

Blue: _____ Green: _____ Overall: _____

6. Find the mean for each.

Blue: _____ Green: _____

7. Tell which measure of center you would want the prize to be based on if you were part of Team Blue. Explain why.

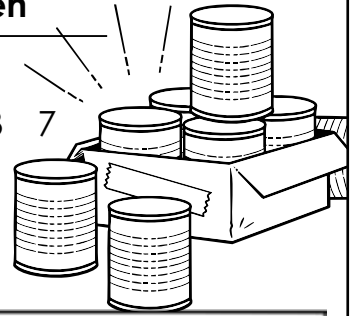
ANSWER KEY

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