

13. Senators and representatives in a state legislature voted on a proposed bill. Of the 50 senators, 35 voted for and 15 voted against the bill. Of the 100 representatives, 40 voted for and 60 voted against the bill. Which two-way relative frequency table best represents the distribution of votes?

A.

	For	Against	Total
Senate	0.70	0.30	1.00
Representatives	0.40	0.60	1.00
Total	1.10	0.90	2.00

C.

	For	Against	Total
Senate	0.23	0.10	0.33
Representatives	0.27	0.40	0.67
Total	0.50	0.50	1.00

B.

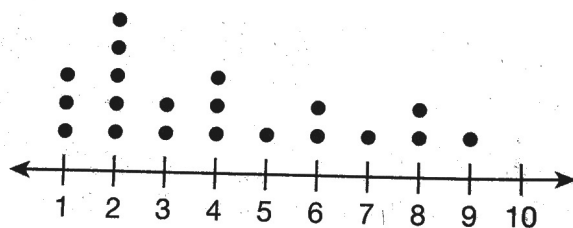
	For	Against	Total
Senate	0.27	0.40	0.67
Representatives	0.23	0.10	0.33
Total	0.50	0.50	1.00

D.

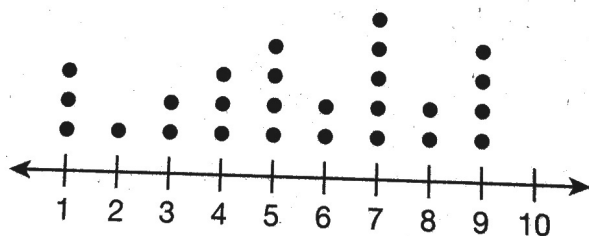
	For	Against	Total
Senate	0.10	0.23	0.33
Representatives	0.40	0.27	0.67
Total	0.50	0.50	1.00

14. Two dot plots are graphed below.

Data Set 1



Data Set 2



Which statement about these data sets is most likely true?

- A. The median of Data Set 2 is less than the median of Data Set 1.
- B. The range of Data Set 2 is greater than the range of Data Set 1.
- C. The modes of Data Sets 1 and 2 are equal.
- D. The mean of Data Set 2 is greater than the mean of Data Set 1.