

In-Class 2
Sections 2.3-2.4
Math 110: Elementary Statistics

Name _____

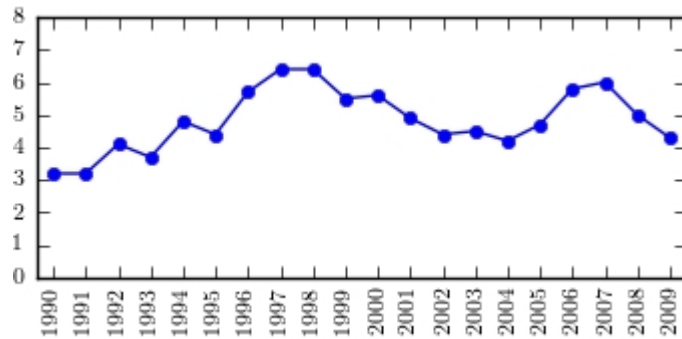
- 1) Construct a stem-and-leaf plot for the following data.

22	38	51	12	57	33	67	20	31	29
19	48	19	31	29	53	54	21	22	55

- 2) Construct a dotplot for the following data.

15	15	15	14	13	13	14	15	13	15
14	15	14	13	17	15	14	12	16	15

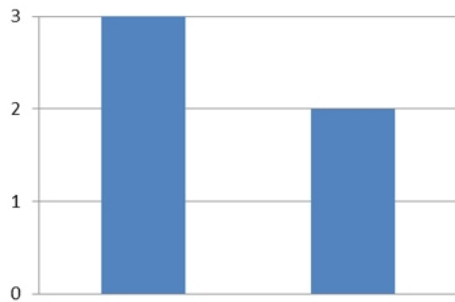
- 3) The following time-series plot presents the population growth (in percent) of a suburb of Atlanta, Georgia for each of the years 1990 through 2009. Estimate the rate of growth in 2009.



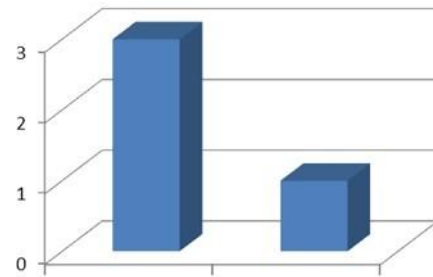
MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

- 4) Which of the following presents the most honest graphical representation of the ratio "3 to 2"?

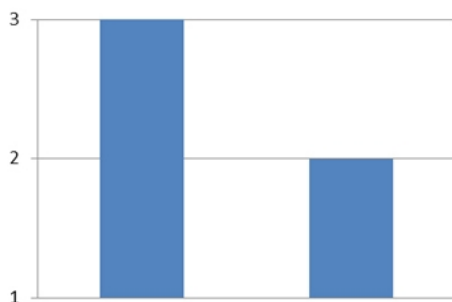
A)



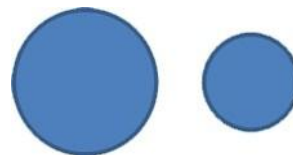
B)



C)



D)

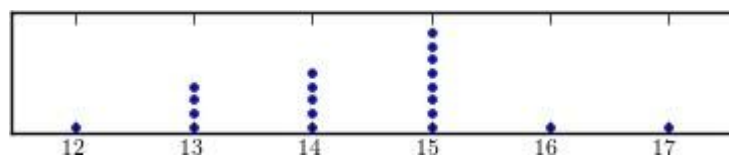


Answer Key

1)

1	299
2	012299
3	1138
4	8
5	13457
6	7

2)



3) The growth rate of the suburb of Atlanta, Georgia in 2009 is approximately 4.2%

4) A