

NAME :

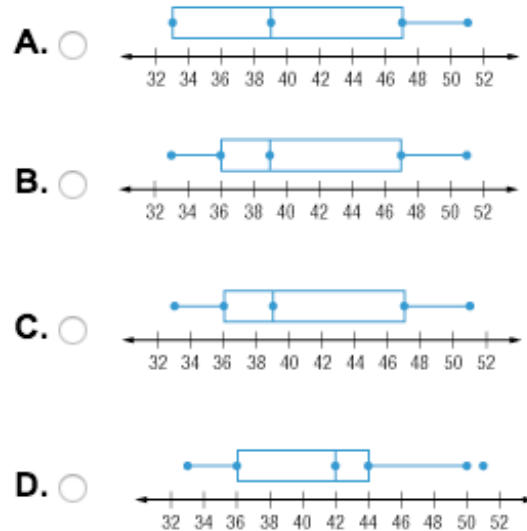
SECTION:

## QUIZ

### STATISTICAL DISPLAYS

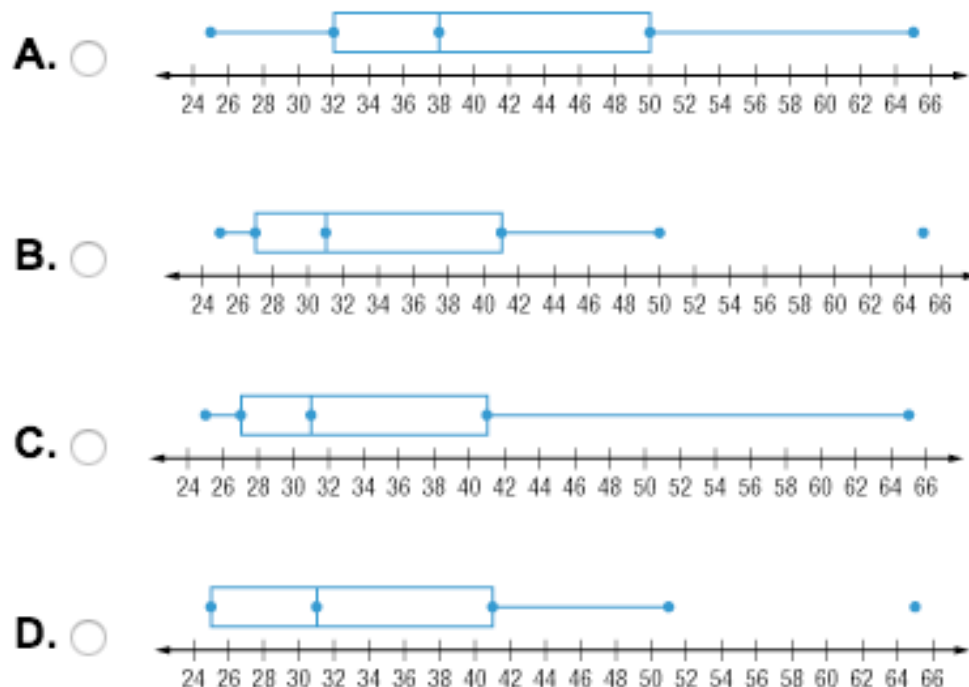
1. Which box-and-whisker plot represents the data?

51, 33, 50, 33, 33, 44, 36, 42



2. Which box-and-whisker plot represents the data?

32, 30, 28, 65, 25, 50, 27, 25, 41, 38



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3.

The most frequently occurring value is called a \_\_\_\_\_.

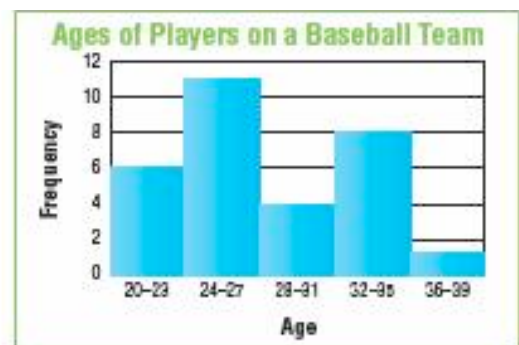
- A. ☐ distribution
- B. ☐ peak
- C. ☐ cluster
- D. ☐ gap

4. Which set of data has a gap?

A. ☐



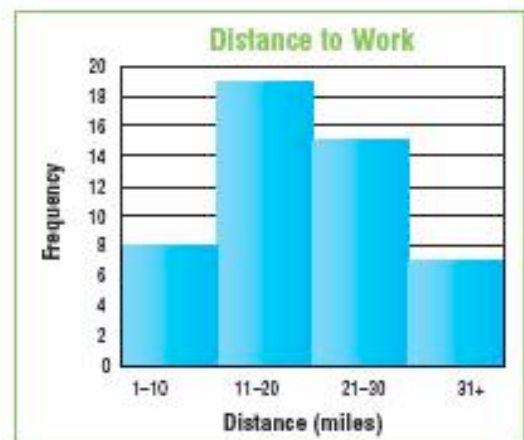
C. ☐



B. ☐



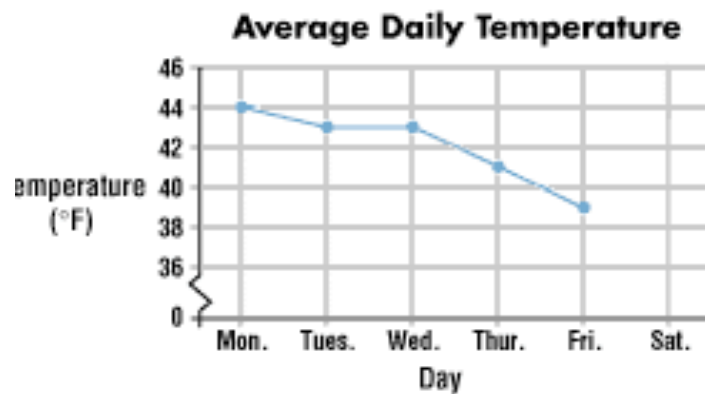
D. ☐



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5. The line graph shows the average daily temperature for a city. Predict the average temperature in the city for Saturday.

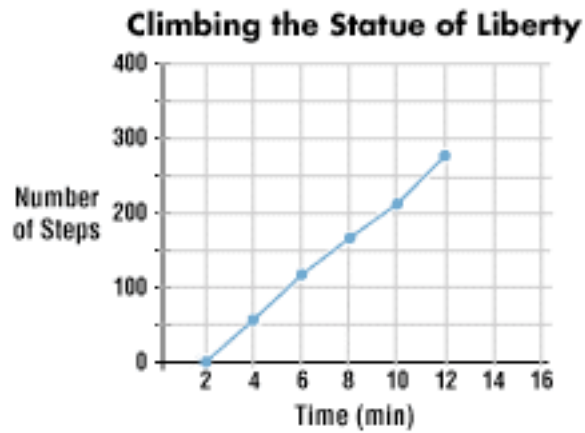


- A. ☐ 37°F
- B. ☐ 43°F
- C. ☐ 46°F
- D. ☐ 0°F

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6. The line graph shows the time it takes Kyle to climb the steps in the Statue of Liberty. Predict the total time it will take him to climb 354 steps to the top of the statue, if his rate remains approximately the same.



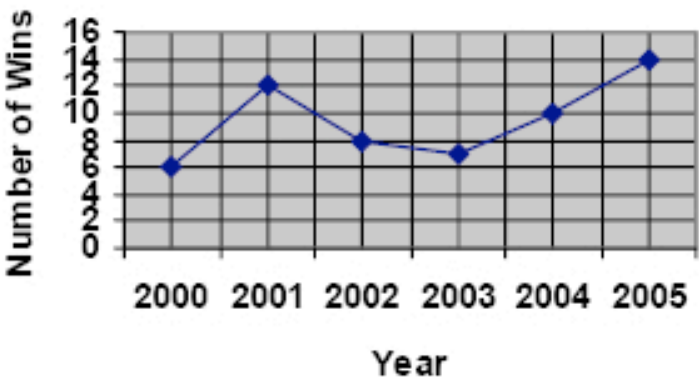
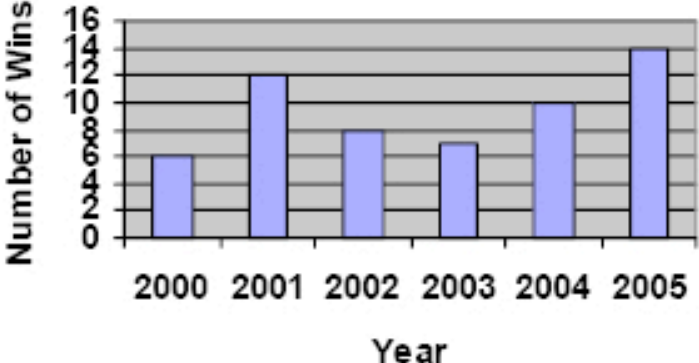
- A. ☐ 10 min
- B. ☐ 16 min
- C. ☐ 12 min
- D. ☐ 20 min

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7. **BASKETBALL** Which display allows you to see whether the record for the girls' basketball team has improved since 2000?

- A.** ☐ 
- B.** ☐

Number of Winning Games by Girls' Basketball Team						
Year	2000	2001	2002	2003	2004	2005
No. of Wins	6	12	18	7	10	14
- C.** ☐ 
- D.** ☐ 

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8. **ELECTIONS** The table shows the number of students who voted for each candidate for class president. Which is an appropriate type of display to compare the number of votes for each candidate?

Candidate	Votes
Becky	42
Crystal	25
Jodi	35
Josh	58
Matt	52

**A.** ☐ bar graph

**B.** ☐ histogram

**C.** ☐ line graph

**D.** ☐ line plot