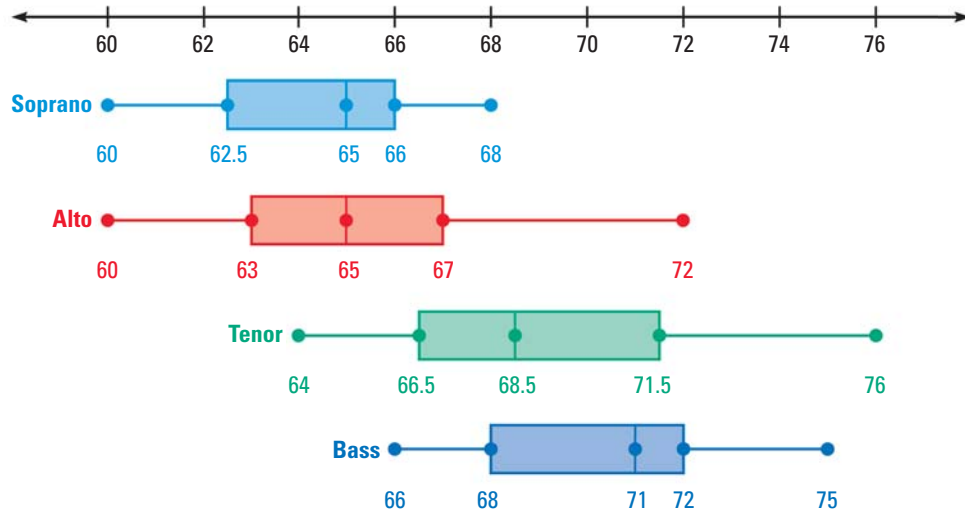


20. **CHALLENGE** The box-and-whisker plots show the heights (in inches) of singers in a chorus, according to their voice parts. A soprano part has the highest pitch, followed by alto, tenor, and bass, respectively. Draw a conclusion about voice parts and heights. *Justify* your conclusion.



MIXED REVIEW FOR TAKS TAKS PRACTICE at classzone.com

REVIEW

Skill Review
Handbook p. 918;
TAKS Workbook

21. **TAKS PRACTICE** For the past 5 years, the yearly rainfall, in inches, at a weather station has been 83, 76, 83, 41, and 70. Which measure of data should a meteorologist use to make the most accurate prediction for next year's rainfall? *TAKS Obj. 9*

- (A) Mean (B) Median (C) Mode (D) Range

REVIEW

Lesson 13.1;
TAKS Workbook

22. **TAKS PRACTICE** The probability that a golf ball is defective is $\frac{1}{12}$. About how many balls would be defective in a case of 927 golf balls? *TAKS Obj. 9*

- (F) 8 (G) 12 (H) 77 (J) 93

QUIZ for Lessons 13.5–13.8

1. **HOTEL SURVEY** A hotel manager leaves guest comment cards in each room. Identify the population and classify the sampling method. (p. 871)

In Exercises 2 and 3, find the range and mean absolute deviation of the data. Round to the nearest hundredth, if necessary. (p. 875)

2. 62, 63, 70, 40, 50, 60 3. 14, 18, 22, 14, 14, 6, 17
4. Make a histogram of the data: 44, 52, 60, 47, 65, 40, 49, 45, 32, 68, 39. (p. 881)
5. Make a stem-and-leaf plot of the data: 1.8, 2.2, 1.2, 2.8, 3.6, 3.3, 1.8, 2.2. (p. 881)
6. **TEST SCORES** The scores on a math exam are given below. Make a box-and-whisker plot of the data. Identify any outliers. (p. 887)

76, 55, 88, 92, 79, 85, 90, 88, 85, 92, 100, 91, 90, 86, 88