

**LESSON**  
**9-4** **Practice B**  
**Variability**

Find the first and third quartiles for each data set.

1. 37, 48, 56, 35, 53, 41, 50

first quartile: \_\_\_\_\_

third quartile: \_\_\_\_\_

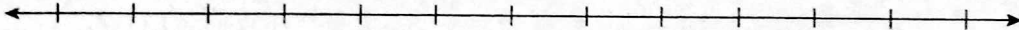
2. 18, 20, 34, 33, 16, 44, 42, 27

first quartile: \_\_\_\_\_

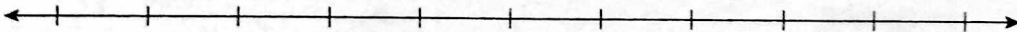
third quartile: \_\_\_\_\_

Use the given data to make a box-and-whisker plot.

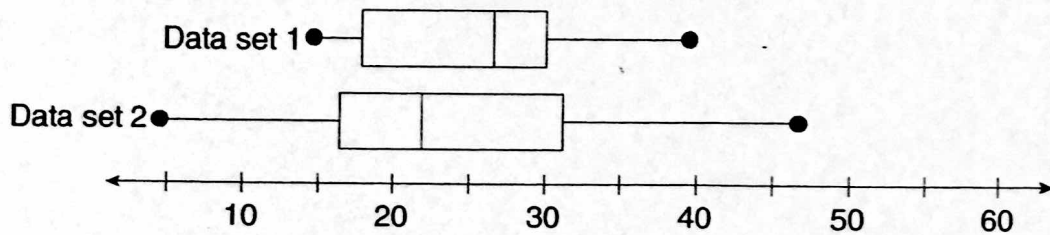
3. 55, 46, 70, 36, 43, 45, 52, 61



4. 23, 34, 31, 16, 38, 42, 45, 30, 28, 25, 19, 32, 53



Use the box-and-whisker plots to compare the data sets.



5. Compare the medians and ranges.

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6. Compare the ranges of the middle half of the data for each set.

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