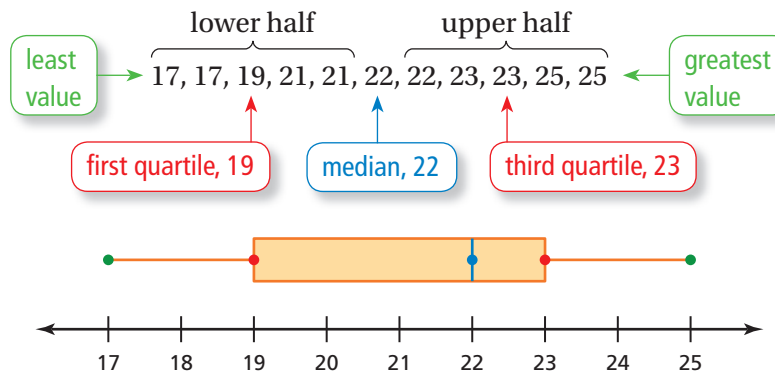
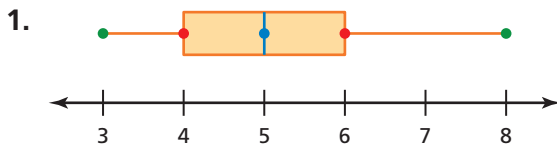


Key Concept and Vocabulary

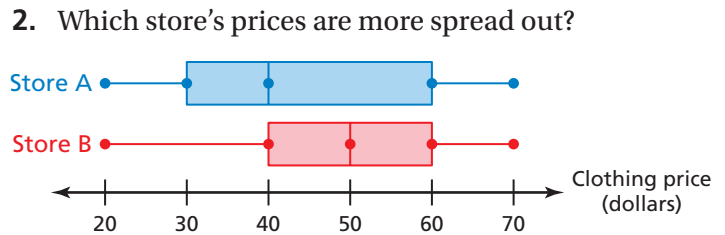


Skill Example



- The range of the data values is $8 - 3 = 5$.
- The interquartile range of the data values is $6 - 4 = 2$.

Application Example



The ranges are equal, but the interquartile range is greater for Store A.

∴ The prices in Store A are more spread out.

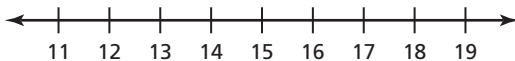


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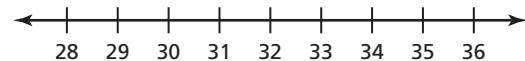
Check your answers at BigIdeasMath.com.

Make a box-and-whisker plot for the data.

3. 12, 19, 16, 19, 14, 11, 11, 17, 14, 16, 18



4. 32, 28, 34, 35, 28, 32, 32, 30



HEIGHT The double box-and-whisker plot shows the heights of students in two classrooms.

5. Which classroom's heights are more spread out? _____
6. Which classroom's students are generally taller? _____

