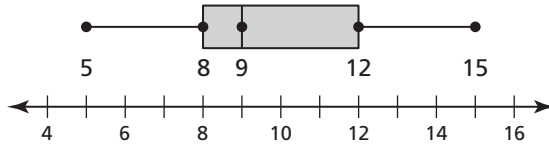


## 7.2 Practice B

In Exercises 1–6, use the box-and-whisker plot to find the given measure.



1. least value
2. range
3. first quartile
4. third quartile
5. greatest value
6. median

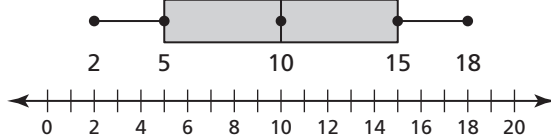
In Exercises 7 and 8, make a box-and-whisker plot that represents the data.

7. Numbers of chairs in a classroom: 30, 27, 32, 25, 12, 22, 20, 29, 35, 35, 28
8. Temperatures (in degrees Fahrenheit):  $-18$ , 0, 7,  $-8$ ,  $-12$ , 15, 21, 0, 1,  $-3$
9. The stem-and-leaf plot represents the heights (in inches) of pineapple plants in a garden. Make a box-and-whisker plot that represents the data.

Stem	Leaf
0	4 7 7 8 9
1	0 0 0 2 5 6 9
2	0 1

**Key: 1 | 0 = 10 inches**

10. The box-and-whisker plot represents a data set. Determine whether each statement is true. Explain your reasoning.



- a. The median of the data is 15.
- b. The distribution is symmetric.