

6th Grade Unit 6: Lesson 28-2

Check Your Understanding (p. 369):

12. Put the values in order from least to greatest. If the number of data values is odd, locate the middle number. If the number of data values is even, average the two middle values.
13. The mean tells where the balance point of a distribution is.
14. The median tells where the middle of the distribution is. It splits the data values into two halves.
15. If the distribution is skewed, the mean and median would not be the same value.

Lesson 28-2 Practice (p. 369):

16.



17. 6, 7, 7, 7, 7, 8, 8, 8, 8, 9, 9, 9, 10, 10, 10, 11, 11, 12, 12, 18
18. The median with the outlier is 9.
The median without the outlier is also 9. In this case the median is not affected by the outlier.
19. 9.35 minutes
20. Both the mean and the median times for the track team fall within the average time.