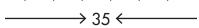## Lesson 7.4 Measures of Center: Median

The **median** of a data set is the middle number when the values are placed in order from least to greatest. If there are an even number of values in the data set, the median is the average of the two middle terms.

35, 29, 26, 37, 21, 38, 38

21, 26, 29, 35, 37, 38, 38   1. Put the data in order from least to greatest.

——————→ 35 ←——————   2. Count in from the outside to find the middle value.

35   3. The median of this data set is 35.

Find the median of each data set.

	a	**b**

1. 23, 31, 32, 34, 39, 38, 38, 34, 38   24, 20, 28, 19, 18, 11, 19, 18, 19

_____   _____

2. 19, 11, 28, 13, 23, 14, 28   3, 9, 6, 2, 1, 10, 1, 2, 1

_____   _____

3. 26, 34, 24, 37, 36, 22, 34, 26, 34   10, 2, 3, 4, 6, 7, 6

_____   _____

4. 23, 32, 38, 40, 30, 34, 23   15, 21, 23, 16, 19, 14, 23, 14, 23

_____   _____

5. 10, 3, 5, 1, 7, 8, 5, 1, 5   51, 87, 77, 93, 67, 81, 77, 93, 77

_____   _____

6. 78, 35, 85, 93, 62, 95, 88, 51, 45   97, 64, 25, 26, 8, 24, 36, 72, 56

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