

1. The table shows Annabeth's scores on her math assignments. Find the mean.

<b>Assignment</b>	1	2	3	4
<b>Score</b>	89.7	92.6	83.9	96.2

The mean is \_\_\_\_\_.

2. Julian surveyed his friends about how many pets they have. Use the data in the table to find the median, mode, and range of the data.

<b>Number of Pets</b>
3, 0, 2, 5, 10, 3, 0, 1, 1, 2, 0, 4

The median is \_\_\_\_\_. The mode is \_\_\_\_\_. The range is \_\_\_\_\_.

3. Fill in the blanks to tell whether the mean, median, mode, and range are always, sometimes, or never one of the data values in a data set.

The mean: \_\_\_\_\_ The mode: \_\_\_\_\_

The median: \_\_\_\_\_ The range: \_\_\_\_\_

4. Which number can be added to the data so that the range of the data will be 55?

56, 81, 54, 47, 45, 94

- (A) 49      (B) 98      (C) 39      (D) 6

5. Use the data in the table. Select each statement that is true.

- The mean number of USA silver medals earned for the Summer Olympic years from 1972 to 2000 is 35.
- If the entry for 1980 is removed, the mean is unchanged.
- If the USA earned more than 31 silver medals in the 2004 Summer Olympics, the new mean increased.
- If the USA had earned 2 more medals in 1988, the mean would increase by 2.
- The mean number of USA silver medals earned for the Summer Olympic years from 1988 to 2000 is less than the mean number of USA silver medals earned for the Summer Olympic years from 1972 to 1984.

<b>USA Silver Medals Summer Olympic Games</b>	
<b>Year</b>	<b>Medals</b>
2000	24
1996	32
1992	34
1988	31
1984	61
1980	0
1976	35
1972	31