

Name: ..... Class: .....

## Calculate mean, median, mode, and range

**Given the set of numbers, ( 4, 6, 11, 6, 26, 6, )**

What is the Mean?

What is the Median?

What is the mode?

What is the range?

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- a. What is the Mean?
- b. What is the Median?
- c. What is the mode?
- d. What is the range?

**What is the Mean?**

Add the numbers  
 $4+6+11+6+26+6 = 59$   
 Now, divide 59 by the total number of numbers in the set.  
 $59/6 = 9.833$

So, the mean is 9.833

**What is the Median?**

Arrange the numbers from least to greatest  
 4, 6, 6, 6, 11, 26  
 Since the total number of numbers is even, find the average of the 2 middle numbers to get the median  
 4, 6, 6, 6, 11, 26  $\longrightarrow (6 + 6) \div 2$   
 $12/2 = 6$

So, the median is 6

**What is the mode?**

Arrange the numbers from least to greatest  
 4, 6, 6, 6, 11, 26  
 Identify the number that appears the most.  
 6 appears the most

So, the Mode is 6

**What is the range?**

Find the highest and lowest numbers in the set  
 Lowest number = 4  
 Highest number = 26  
 Now, subtract the lowest from the highest number  
 $26 - 4 = 24$

So, the range is 24