Median is the middle value in a data set.
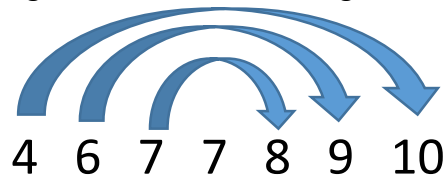Range is the difference between the highest value and the lowest value.

Step to find Median   4, 8, 9, 6, 10, 7 ,7

Step 1   Place numbers in order from least to greatest.   4 6 7 7 8 9 10
Step 2   Match the beginning number and the ending numbers.

4 6 7 7 8 9 10

The number you have left is you median.

7 is your median

Find the median.   6, 4, 2, 3, 3, 2

Step 1   2, 2, 3, 7, 4, 6

Step 2   2 2 3 4 6 7

When you do not have a number left over and have two number in the middle you must take an extra step. Add the two number and then divide by 2.

The two number in the middle are 3 and 4.
3 + 4 = 7 $7 \div 2 = 3.5$
My median is 3.5.

Steps to find Range
Find the range of the data set 6, 4, 2, 3, 3, 2.
Step 1 Place numbers in order from least to greatest.
          2, 2, 3, 7, 4, 6
Step 2 Take the smallest and biggest number 2 and 6. Subtract the two numbers
6 – 2 = 4

4 is the range.

1. What is the range of the data set?	2. What is the median of the data set?
12, 14, 14, 18, 19, 20	87, 87,87, 92, 98, 98, 100
a. 14 b. 8 c. 16 d. 20	a. 87 b. 13 c. 92 d. 98
3. What is the median of the data set?	4. What is the median of the data set?
54, 54, 56, 58, 59, 60	45, 45, 48, 56, 73, 86, 94
a. 57 b. 58 c. 56 d. 6	a. 49 b. 73 c. 45 d. 56
5. What is the median of the data set?	6. What is the range of the data set?
5, 6, 3, 13, 9, 3, 6	6, 6 ,13, 3, 5, 3, 9
a. 5.5 b. 13 c. 10 d. 6	a. 6 b. 10 c. 3 d. 5.5
7. What is the range of the data set?	8. What is the median of the data set?
7, 10, 4, 12, 6	5, 12, 6, 10, 7
a. 12 b. 7 c. 6 d. 8	a. 10 b. 6 c. 6.5 d. 7
9. What is the mean of the data set?	10. What is the mode of the data set?
5, 6, 7, 12, 10	5, 6, 9, 13, 3, 6, 3
a. 10 b. 8 c. 7 d. 9	a. None b. 3 c. 3 and 6 d. 6