

Name: Class:

interpret charts and graphs to find mean, median, mode, and range

1. A car manufacturing company kept a record of the number of cars manufactured each month

Cars manufactured	
Months	Number of cars
March	8
April	8
May	10
June	6
July	5

What is the mode of the numbers?



2. Linda kept track of the number of marbles collected for the past 8 days

Marbles collected	
Days	Number of Marbles
1	10
2	6
3	7
4	3
5	10
6	10
7	4
8	8

(a) What is the median of the numbers?

(b) What is the Mean?



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What is the mode of the numbers?

Form a set using the numbers from the table
 Arrange the numbers from least to greatest
 5, 6, 8, 8, 10,
 Identify the number that appears the most
 8 appears 2 times



So, the Mode is 8

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2	6
3	7
4	3
5	10
6	10
7	4
8	8

(a) What is the median of the numbers?

Arrange the numbers from least to greatest
 3, 4, 6, 7, 8, 10, 10, 10
 Since the total number of the numbers is even, find the
 average of the 2 middle numbers to get the median
 3, 4, 6, 7, 8, 10, 10, 10 → $7 + 8 \div 2$
 $15/2 = 7.5$

So, the Median is 7.5

(b) What is the Mean?

Add the numbers
 $3+4+6+7+8+10+10+10$
 $= 58$

Now, divide 58 by the total number of
 numbers in the set.
 $58/8 = 7.25$

So, the mean is 7.25

