

7.1 and 7.2 - Central Tendency Review

1. Find the mean, mode, median and range for the following data.

a) 7, 10, 15, 12, 9, 7, 8, 6, 4

mean:

median:

mode:

range:

b) 9, 6, 3, 8, 2, 4, 9, 7, 9, 3

mean:

median:

mode:

range:

c) 13, 27, 25, 24, 16, 15, 14, 14, 19, 13

mean:

median:

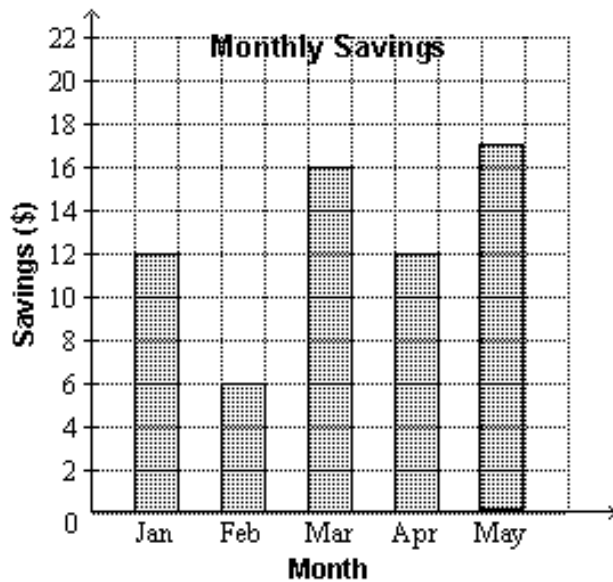
mode:

range:

2. A data set has 6 numbers. Four of the numbers are: 5, 9, 4, 8 find the other two numbers so that the mean is 7 and the mode is 9
3. The total sales for a bake sale is \$24, \$27, \$25, \$26, \$25, \$29, \$25
- a) What is the mean of the total sales?
 - b) What is the mode of the total sales?
 - c) What is the median of the total sales?
 - d) What is the Range of the total sales?
 - e) If they continue to do the bake sale for two more days and make \$23, \$27. What is the new mean, mode, median and range?
4. This table shows the ages and numbers of students participating in a charity walk. Find the median age of the students.

Age	Number of Students
12	3
13	8
14	5
15	7

5. The graph shows the amount of money saved each month for 5 months.



- a) Find the greatest amount saved in a month. \$ _____
- b) Find the mean. \$ _____
- c) Find the mode. \$ _____

6. Find the mean and mode of this set of data:
105, 118, 126, 94, 117, 105, 105

7. Find the mean and mode of this set of data:
20, 11, 15, 18, 22, 13, 19, 21, 14

8. Which set of data has a median of 29 and a range of 12? _____
P: 24, 34, 31, 21, 27, 33
Q: 32, 30, 22, 33, 35, 26
R: 28, 30, 26, 35, 23, 32

9. Which set of data has a median of 27 and a mode of 31? _____

P: 26, 28, 24, 31, 21, 31

Q: 31, 28, 20, 31, 33, 24

R: 22, 32, 29, 19, 25, 32

10. Find the median and the range for this set of data:

66, 75, 78, 59, 63, 74, 69, 74

11. The waiting times, in minutes, at a fast-food restaurant were:

6, 8, 0, 4, 0, 6, 7, 0

Find the median, the mode, and the range.

12. In the last 6 basketball seasons, Ron scored these points:

134, 111, 130, 140, 119, 122

Find the mean, median, and range of the scores.