

Inferences Unit
Calculating Mean

Directions: Calculate the mean for each problem below. Show all of your work and circle your answer.

1. What is the mean of 12, 3, 7 and 10?

2. What is the mean of 15, 20, 30, 50 and 25?

3. Jessica collected 87 glass bottles on Monday, 58 on Tuesday, 92 on Wednesday, 72 on Thursday and 61 on Friday. What is the mean number of bottles she collected in a day?

4. Maliks's reading log shows the total number of minutes he read each night.

Mon	Tues	Wed	Thurs	Fri	Sat	Sun
21	18	22	31	29	25	29

What is the average (mean) number minutes Malik read during the week?

5. Ronginea's test scores for Quarter 1 are listed below:

89, 94, 81, 96

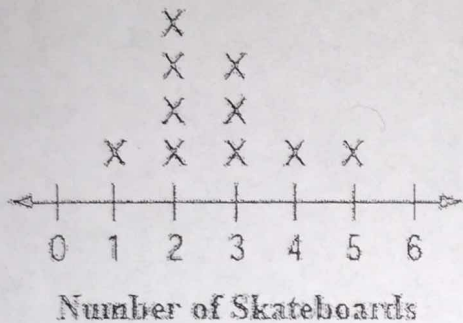
What is her test average (mean) this quarter?

- A. 93
- B. 360
- C. 90
- D. 89

Line Plots and Measures of Central Tendencies

The line plot below shows the number of skateboards owned by each of the 10 members of the Skateboard Club.

Skateboards owned
by the 10 members!



1. What is the range of the numbers of skateboards owned by the Skateboard Club members? _____
Show or explain how you got your answer.
2. What is the mode of the numbers of skateboards owned by the Skateboard Club members? _____
Show or explain how you got your answer.
3. What is the mean number of skateboards owned by the Skateboard Club members? _____
Show or explain how you got your answer.
4. What is the median number of skateboards owned by the Skateboard Club members? _____
Show or explain how you got your answer.
5. Two people became new members of the Skateboard Club. However, the median number of skateboards owned by the 12 club members did not change. What could be the number of skateboards each of the two new club members owns? _____
Explain your answer.