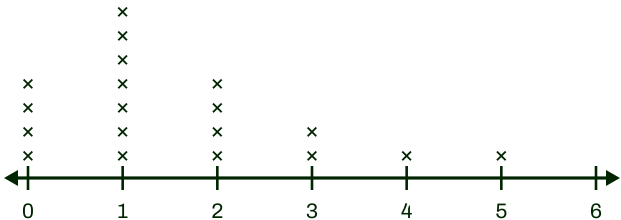


Compare mean and median under skew

NAME	DATE	SCORE
		/ 10

1

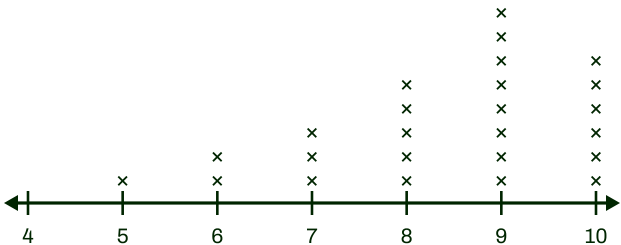
The line plot shows how many books each child read last month. Which is greater for this data, the mean or the median?



- ☐ The mean
- ☐ The median
- ☐ They are equal

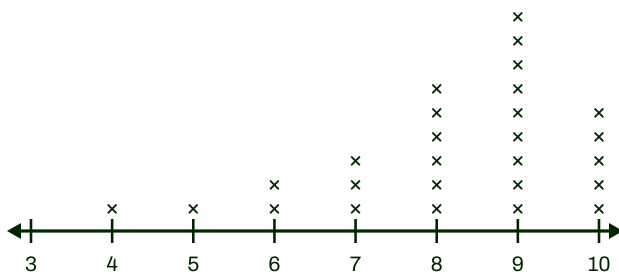
2

The line plot shows each student's quiz score, out of 10. Which is greater for this data, the mean or the median?



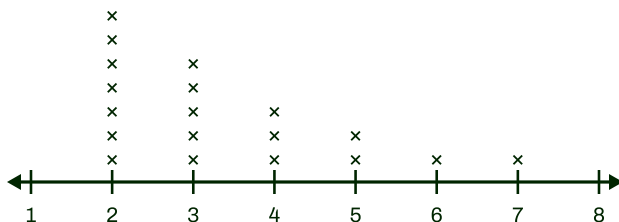
- ☐ The mean
- ☐ The median
- ☐ They are equal

- 3** The line plot shows how many of 10 shots each player made. Which better describes the typical number of shots made, the mean or the median?



- ☐ The median, since it is always the larger of the two ☐ The mean, since it uses every value
☐ The median, since a few small values pull the mean down
☐ The mean, since a few small values pull the median down

- 4** The line plot shows how many books each child read last month. Which better describes the typical number of books, the mean or the median?

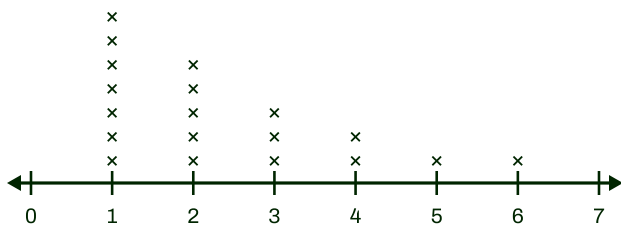


- ☐ The median, since it is always the smaller of the two ☐ The mean, since it uses every value
☐ The median, since a few large values pull the mean up
☐ The mean, since a few large values pull the median up

- 5** The list shows how many dollars each child earned last week: 6, 4, 11, 47, 6, 6, 5, 9, 6. Which is greater for this data, the mean or the median?

- ☐ The mean ☐ The median ☐ They are equal

- 6** The line plot shows how many pets each child has. Which is greater for this data, the mean or the median?

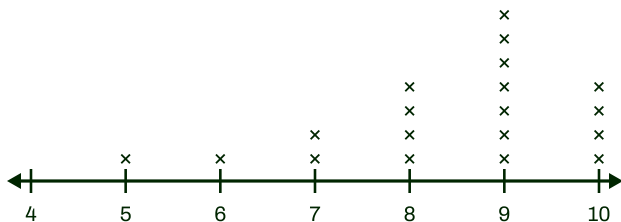


- ☐ The mean ☐ The median ☐ They are equal

- 7** The list shows how many minutes each student spent getting to school: 15, 13, 8, 11, 15, 11, 8, 48, 16. Which is greater for this data, the mean or the median?

- ☐ The mean ☐ The median ☐ They are equal

- 8** The line plot shows each student's quiz score, out of 10. Which better describes the typical quiz score, the mean or the median?



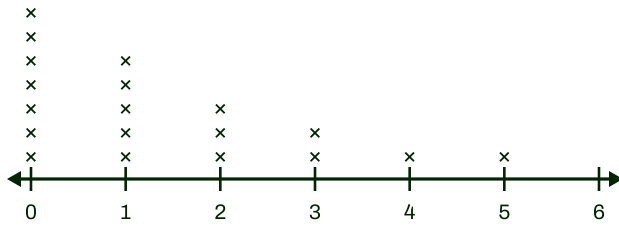
- ☐ The mean, since it uses every value ☐ The median, since it is always the larger of the two
☐ The median, since a few small values pull the mean down
☐ The mean, since a few small values pull the median down

- 9** The list shows how many dollars each child earned last week: 7, 50, 6, 6, 10, 12, 7. Which better describes the typical amount earned, the mean or the median?

- ☐ The mean, since a few large values pull the median up
☐ The mean, since it uses every value
☐ The median, since a few large values pull the mean up
☐ The median, since it is always the smaller of the two

10

The line plot shows how many pets each child has. Which better describes the typical number of pets, the mean or the median?



- ☐ The mean, since it uses every value
- ☐ The median, since a few large values pull the mean up
- ☐ The mean, since a few large values pull the median up
- ☐ The median, since it is always the smaller of the two

Compare mean and median under skew

1 The mean

3 The median, since a few small values pull the mean down

5 The mean

7 The mean

9 The median, since a few large values pull the mean up

2 The median

4 The median, since a few large values pull the mean up

6 The mean

8 The median, since a few small values pull the mean down

10 The median, since a few large values pull the mean up