Copy the table to show the number of TVs sold by a retail store during each month last year.

Month	Number of Sales
January	
February	
March	
April	
May	
June	
July	
August	
September	
October	
November	
December	

Mean =	Median =
Mode =	Range =

Does the mean or the median best represent the center for this data? Explain.

_____

_____

_____

_____

A teacher asked his class of 20 students, "What is your age?" Their responses are shown in the dot plot below.

```
X
X
X      X
X   X  X
X   X  X
X   X  X   X      X
X   X  X   X      X
14  15 16  17     18
        Age
```

Mean =	Median =
Mode =	Range =

Does the mean or the median best represent the center for this data? Explain.

_____

_____

Mean, Median, Mode, and Range Part 1

_____

_____

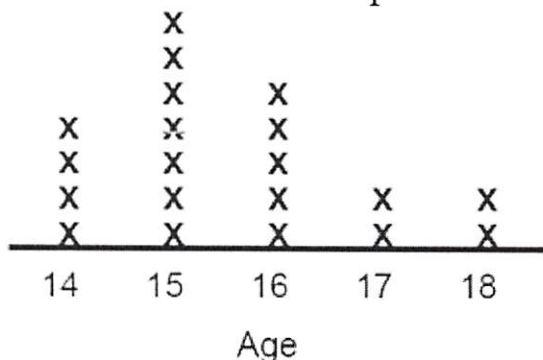Copy the table to show the number of TVs sold by a retail store during each month last year.

Month	Number of Sales
January	23
February	19
March	17
April	16
May	13
June	17
July	14
August	18
September	19
October	24
November	29
December	79

Mean = 24	Median = 18.5
Mode = 17 and 19	Range = 66

Does the mean or the median best represent the center for this data? Explain.

The median. The mean is influenced by the outliers (79) and thus is not a good measure of center

A teacher asked his class of 20 students, "What is your age?" Their responses are shown in the dot plot below.

Age

Mean = 15.55	Median = 15
Mode = 15	Range = 4

Does the mean or the median best represent the center for this data? Explain.

The mean is fine because there are no outliers. The average would be best in this case.

Mean, Median, Mode, and Range Part 1