

In problems 1-3 use the following data to answer the questions.

Height in inches of 14 college baseball players: 70, 69, 72, 70, 68, 71, 70, 69, 71, 70, 67, 69, 71, 73.

1. Mean:  
 $\bar{x} = 70$

2. Median:

3. Mode:  
70

In each case, identify whether the average described is representing mean, median, or mode.

4. Most Irish children with red hair also has freckles.

5. The pitcher's earned run average is 2.35.

Mean

6. The choir lined up with tall people in the back, short people in front, and people of average height in the middle.

Use the following data to answer questions 7-11

Year	Mark McGwire Home run totals
86	3
87	49
88	32
89	33
90	39
91	22
92	42
93	9
94	9
95	39
96	52
97	58
98	70
99	65
00	32
01	29

7. Find the mean, median, mode.

Mean: ~~35~~ 36.4

Median: 36

Mode: 9, 32, 39

8. State whether the mean or median is a better measure to represent the data and why.

Hint: IQR  $\times$  1.5



Salaries for employees in one department of the Garcia Brothers Company in thousands of dollars: 33.5, 35.3, 33.8, 29.3, 36.7, 32.8, 31.7, 33.5, 28.2, 34.8, 33.5, 29.7, 38.5, 32.7, 34.8, 34.2, 31.6, 35.4

9. Mean:

10. Median:

33.5

11. Mode: