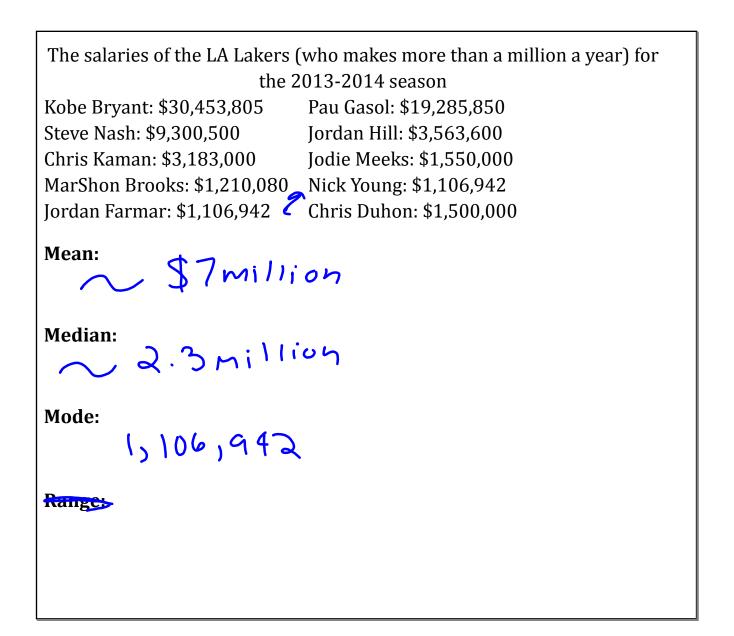


Find the mean, median, and mode for the following set of data:

12, 14, 10, 1, 9, 13, 17, 14, 16 [, 9, 16, 12, 13, 14, 14, 16, 17 $\overline{\chi} = ||.7$ Med = 13 Mode = 14 Is there an outlier for the following set? If so, find the mean, median, and mode without the outlier and describe how it affects the data. Test scores from a class: 70, 70, 75, 75, 90, 70, 80, 85, 65, 95, 70, 85, 90, 70, 20 With a 0 W/0 a 0 Changed by $\overline{\chi} = 74$ $\overline{\chi} = 78$ W/0 a 0 W/11 (changed by W=15 W=15



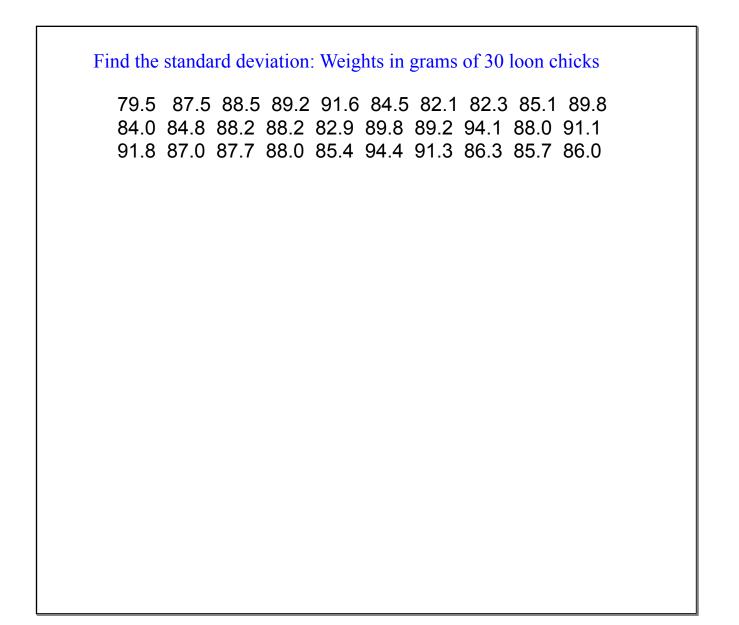


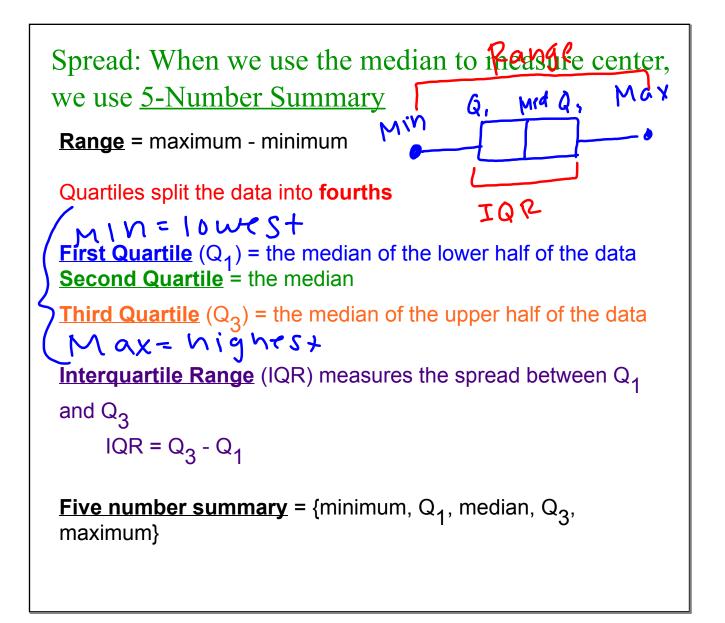
Example: On a cul-de-sac, you have 5 houses built for:

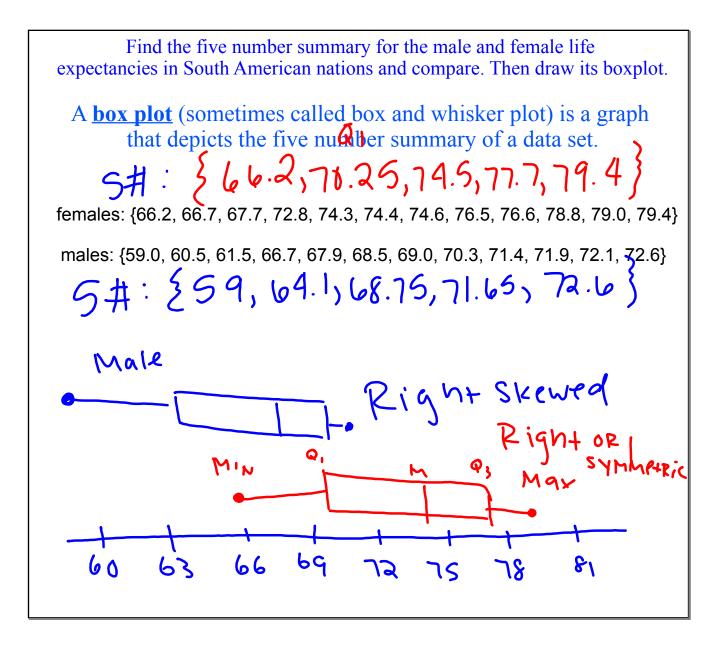
\$200,000, \$200,000, \$200,000, \$200,000, \$1,200,000

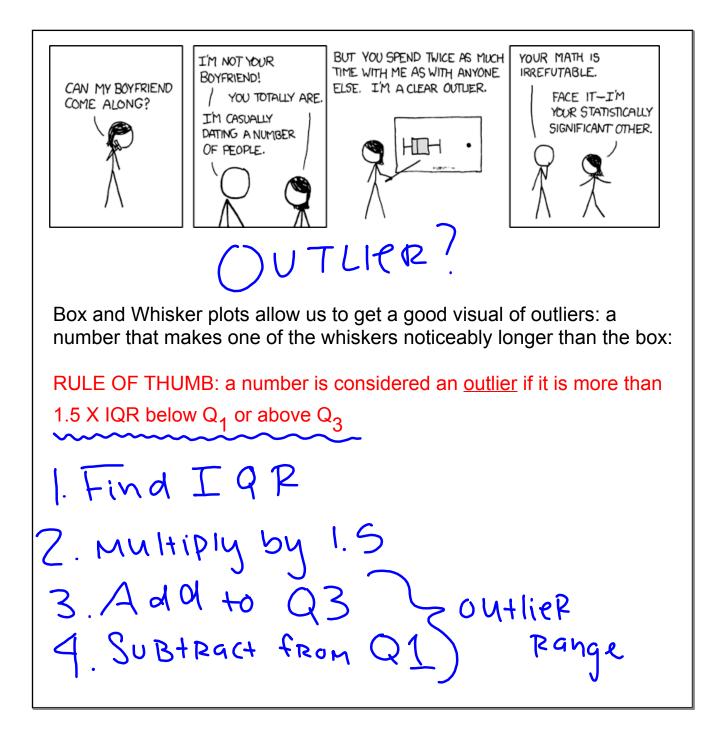
Find the median and the mean? Which one is a better measure?

Mean: 400,000 Meq: 200,000









Is 61 an outlier in Roger Maris's home run data? Five number summary = $\{5, 11, 19.5, 30.5, 61\}$ 1. Find IQR = 30.5 - 11= 19.5 $2.Iq_{R} \times 1.5 = 29.25$ 3. Add to 30.5+29.25 = 59.75 4. SUBTRACT FROM 11-29.25=-18.25 61 is an outlier