

## **Samps & Pops Study Guide**

Describe how to find the:

Mean:

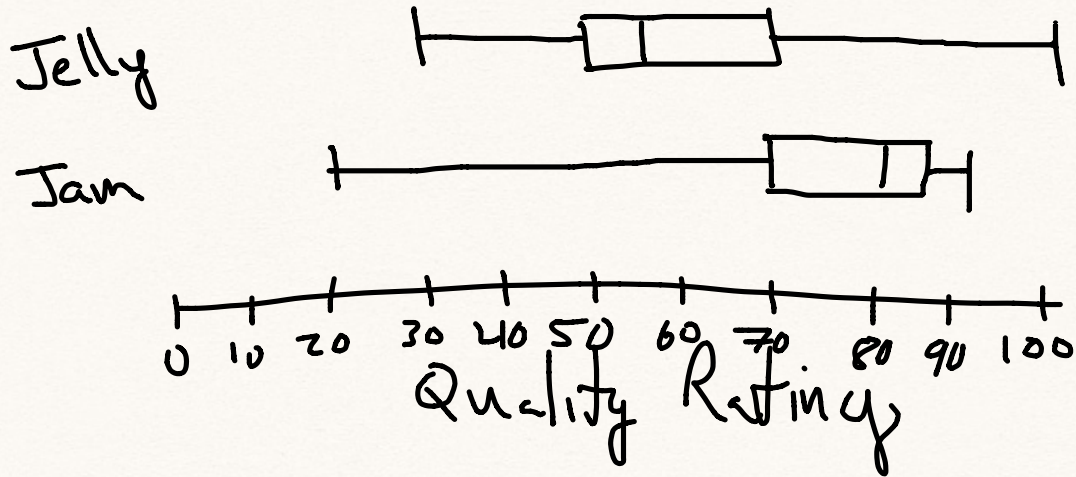
Median:

Mode:

Range:

During the basketball season the Eagles scored 45, 55, 44, 45, 30, and 50 points. Find the mean, median, mode, and range of their scores.

Look at the following box plots. 17 jams and 17 jellies were rated for quality.



Write 2 comparison statements about the qualities of the jams and jellies.

Find the five number summary of each category.

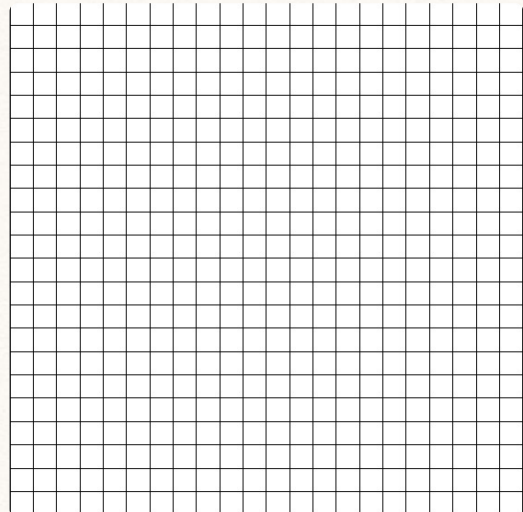
How many jams have a quality rating between about 70 and 80? How do you know?

What percentage of jellies are rated below 70? How do you know?

Describe what a positive trend looks like, negative trend, neither.

Make a scatter plot of the following data about size of container pickles come in and the price per serving for each container

size of Container (OZ)	Price per Serving (cents)
100	89
50	140
70	115
96	90
42	140
21	170
12	180
56	125



Draw a trend line to match the data.

Write an equation for your trend line.

Use the following terms to describe your scatter plot: clusters, outliers, positive or negative association, linear or non linear association.