

Worksheet #3: Nasser Al Mufarji

Given the scores from Worksheet #2:

0,4,12,16,16,17,19,20,21,29,30,33,33,36,36,36,38,39,42,45,45,49

A. Mean = total/22 = 616/22 = **28**

Median = (30+33)/2 = **31.5**

Mode = **36**

B. There is more than one answer here.

We can say that it is a negative skew the statistical evidence is the value in the mean is smaller than the value of the median.

If we say it is symmetrical, then the mean and the median are nearly equal values.

C. The most appropriate measure of central tendency for this distribution is symmetrical because the mean and the median are nearly equal values. In a symmetrical distribution, we report the mean.