

Practice Quiz – Measures of Central Tendency

1. Find the mean, median and mode for the following grades from Math 114 and label with correct symbol, if one exists

Mean _____ Median _____ Mode _____

10,14,10,16,10,14,16,14,21

2. Professor Craig posted the following summary of test grades, estimate the class average (remember for group data $\text{Mean} = \bar{x} = \frac{\sum xf}{n}$)

Grade	Midpoint (x)	Frequency (f)	Product, xf
90 – 100		8	
80 – 89		15	
70 – 79		22	
60 – 69		11	
50 – 59		5	

3. Why is the calculation in #2 only an estimate for the class average?
4. What class interval represents the mode? _____
5. What class interval contains the median? _____
6. Construct a histogram and frequency polygon using the data from #2.

7. Match graph with correct Correlation Coefficient
-1.00 -0.7 0 0.7 1.00

