Quick Questions 3 Measuring Central Tendency of Ungrouped Data

I. Write the number of the appropriate formula next to the item it describes.

A. Sample mean _____

B. Population mean _____

C. Location of the median _____

D. Location of Q_1 _____

E. Weighted mean _____

F. Location of Q_3 _____

1.	$\frac{3n}{4} + .5$	4.	$\frac{n}{2} + .5$
2.	$\frac{\sum x}{N}$	5.	$\frac{\sum (W_x \times X_x)}{\sum W_x}$
3.	$\frac{\sum x}{n}$	6.	$\frac{n}{4} + .5$

II. List and calculate the 3 measures of central tendency.

Data: 5, 7, 3, 8, 6, 10, 9, 8

A. _____

B. _____

C. _____

III. What is the primary disadvantage of the mean as a measure of central tendency?