

# Learny Academy

## Worksheet: Statistics

1. The value of the mean is a good representative of the data when:
2. The mode of a frequency distribution is found graphically from a:
3. In a frequency distribution, the sum of all frequencies divided by the number of observations gives the:
4. If the mean of 10 items is 20 and each item is multiplied by 2, the new mean will be:
5. To draw a 'more than' type ogive, we plot points with lower class limits and corresponding:
6. The formula for the mean by the assumed mean method is:
7. The most appropriate measure of central tendency for a distribution with a few extremely low values is:
8. If the median of the data 6, 7, x, 8, 10, 12 arranged in ascending order is 9, then the value of x is:
9. The number of times an item occurs in a data set is called its:
10. Which of the following is true for the 'less than' ogive?
11. Which of the following is an empirical relation between the three measures of central tendency?
12. The most appropriate measure of central tendency for a distribution with a few extremely high values is:
13. What is the sum of frequencies in a 'less than' cumulative frequency distribution at the last class?
14. The difference between the upper limit and the lower limit of a class interval is called the:
15. When using the step deviation method, 'h' stands for:
16. The modal class is the class with the:
17. When preparing a frequency distribution for continuous data, classes should be:
18. For finding the median, classes should be:
19. For the class interval 30-40, the lower limit is:
20. If the mean is 50, and Mode is 40, what is the approximate Median using the empirical formula?