

- 1) What is the mean of the following data set? 1) _____
 5, 9, 12, 13, 14
 A) 15.4 B) 12.0 C) 10.6 D) 8.0

- 2) For the data set 1, 8, 7, 2, 9, 15, 18, the properly rounded mean is 9. 2) _____
 A) True B) False

- 3) Use the given frequency distribution to approximate the mean. 3) _____

Class	Frequency
0 – 19	8
20 – 39	9
40 – 59	9
60 – 79	17
80 – 99	16

Step-by-step instructions:

https://mystatclass.com/media/class/sta2023/Mean_of_a_frequency_distribution.pdf

- A) 58.1 B) 27.8 C) 11.8 D) 57.6
- 4) A student receives test scores of 62, 83, 88 and 91; on the online HW, receives 90. Tests are worth 85% of the final grade, and the homework grade is worth 15% of the final grade. What is the student's mean score in the class? 4) _____
 A) 85.6 B) 82.4 C) 90.6 D) 76.6
- 5) What is the median of the following set of values? 5) _____
 8, 6, 3, 1, 12
 A) 3 B) 6 C) 5 D) 7
- 6) What is the median of the following set of values? 6) _____
 7, 21, 19, 15, 19, 14, 15, 19
 A) 17 B) 13 C) 19 D) 15
- 7) Find the mode for the following data. 7) _____
 5, 4, 3, 4, 5, 6, 5, 5, 3, 4
 A) 4 B) 3 C) 5 D) 6
- 8) What is the midrange of the following data set? 8) _____
 7, 13, 12, 14, 6, 14, 20, 20, 20
 A) 13 B) 20 C) 14 D) 7

9) Find the mean, mode, median, and midrange for the following data set.

9) _____

12, 15, 18, 18, 15, 22, 15, 30, 12

A) mean = 17.4

B) mean = 15

mode = 15

mode = 15

median = 15

median = 17.4

midrange = 21.0

midrange = 21.0

10) The median can be a more appropriate measure of central tendency if the distribution of the data is extremely skewed.

10) _____

A) True

B) False

Answer Key

Testname: PRACTICE4

- 1) C
- 2) B
- 3) D
- 4) B
- 5) B
- 6) A
- 7) C
- 8) A
- 9) A
- 10) A