



[Course](#) > [Week...](#) > [Probl...](#) > [Ques...](#)

Question 3

Question 3

Here is a list of ten data values that are **sorted from smallest to largest**, but five of the data values are missing. The missing values are represented by A, B, C, D, and E.

2 A 3 B 6 C 9 D 15 E

Using the statistics below, find the missing values for the data set.

Mean = 8 Median = 6.5 Mode = 2 Range = 16
IQR = 10

Hint: You should not start by using the mean; save that for the end.

problem

7/7 points (graded)

3a.

A =



B =



C =



D =



E =



3b. Which of the statistics would change if each value in the dataset were **increased by 2**?

☐ Median, Range, IQR

☐ Mean, Median, Range

☒ Mean, Median, Mode ✓

3c. Which of the statistics would change if each value in the dataset were **multiplied by 2**?

☐ Mean, Median

☒ Range, IQR, Mean, Median, Mode ✓

☐ Mean, Median, Mode

Submit

You have used 1 of 1 attempt

© All Rights Reserved