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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.

(7/7 points)

3a.

A =

2

B =

C =


D =

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E =

Help

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



Help



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