

MATH 3307: Extra Credit for Homework

1 Reminders:

- Extra Credit questions are difficult and involve more work than a standard homework question.
- You will receive up to 10% additional points (not to exceed full credit) on the related Homework Assignment only. Keep in mind for an assignment graded out of 10 to 20 points, this is only 1 or 2 additional points.
- Unlike assigned homework questions, extra credit questions should not be brought to your instructor or to tutoring services for assistance.
- Correct Answers with valid explanation of your process will receive credit only.
- These are due the Sunday following their related Homework assignment by 11:59 pm.
- Submit Answers to <https://forms.gle/yw89xJe8PBrqvF5J7> (Late Answers will not be accepted.)

A data set consisting of 20 unique integer values has the boxplot shown below. Determine the interval of values that the standard deviation may obtain. (Answers should have a low value and high value of the interval, accurate to 4 decimal places.)

*Image is drawn to scale*

