

Math 310 - Dr. Miller - Weekly Assessment #8, Fall 2024 - **Due in class Mon/Tues, Oct. 21/22**

Each WA is worth 10 points. Work right on these pages, then scan and upload or give to me in print. You can work together or see a tutor, but NEVER copy. This WA is for a grade, so dishonesty or cutting corners may earn a 0 for all involved.

1. [2 pts] Consider these thirteen scores:

Journalism Exam #5 Scores

9		7, 5, 1
8		3, 6, 7, 1, 6
7		2, 9, 8, 7
6		4

Legend: 9 | 7 represents 97

If the professor says an *A* is 92 and up, a *B* is 85 and up, and below 85 is No Credit, make and fully label a bar graph for these scores.

2. [1 pt] Draw and fully label a dot plot for these weights of ten first grade children:

51, 45, 60, 60, 54, 53, 51, 48, 55, 57

3. [1.5 pts] Draw and fully label a line graph for these amounts of rain over the ten days Oct. 15 through Oct. 24:

5.1, 4.5, 6.0, 6.0, 5.4, 5.3, 5.1, 4.8, 5.5, 5.7

4. [1.5 pts] Draw and fully label a pictograph for these amounts of candy bar sales at school over the five days Sept. 8 through Sept. 12:

15, 25, 20, 20, 30

5. [4 pts - 1 each] Make up FIVE scores within the set of 0 to 100 that meet the conditions below; clearly mark/underline YOUR original scores. If not possible, explain why not. All parts are SEPARATE tasks; you can give different answers for each.

(a) two modes and a mean of 70

(b) a mode of 30 and a mean of 80

(c) a median of 30 and a mode of 80

(d) the median is 40 originally, and it will change by fewer than 10 points when a sixth score of 100 is included