

Name: _____
MATH 100
Fall 2022
HW 17: Due 11/28

*“Great minds discuss ideas; average
minds discuss events; small minds
discuss people.”*

–Eleanor Roosevelt

Problem 1. (10pt) Determine the mean value of the following: $-25, 22, 7, 6, 6, 1, 8$.

Problem 2. (10pt) Consider the following numbers:

27, 3, 33, 15, 47, 3, 22, 20, 9, 5

- (a) Find the 5-number summary for the data.
- (b) Sketch a box plot of the data.
- (c) Find P_{60} .

Problem 3. (10pt) Define what it means to be robust. Is the mean or median a robust measurement of 'center'? Justify your response with an example.