

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 boxplot 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.