

**Question 6.**

• Open the Statistics app

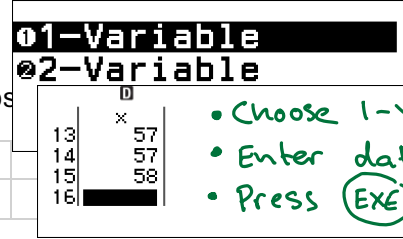


Gelato Antoniato, sell *mini-scoops* in a cone. 15 mini-scoops are purchased and the amount of gelato in each scoop is weighed. This is a list of each scoop's weight, measured in grams:

53, 51, 54, 56, 73, 40, 54, 53, 53, 53, 51, 49, 57, 57, 58.

a) i. What is the mean weight of these 15 mini-scoops?

$\bar{x} = 54.1\bar{3}$



• Choose 1-Variable  
• Enter data  
• Press **EXE**

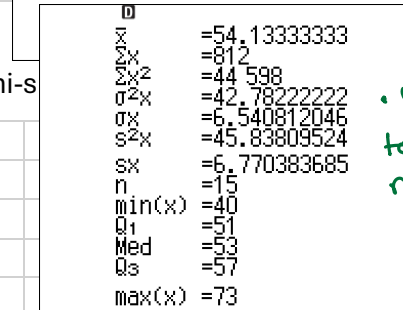
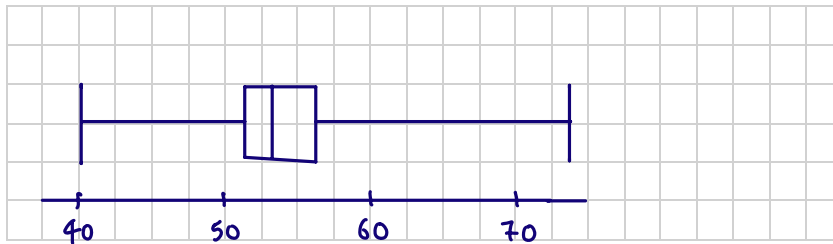
ii. What is the median weight of these 15 mini-scoops?

median = 53



• Choose 1

b) Draw a boxplot representing the weights of these 15 mini-s



• Use **↓** to see all results

c) Explain how your answers to parts (a) and (b) show that this data is skewed right **2**

- The mean > median
- The upper two quartiles are wider than the lower two.