

Warm-up: 1.19.22

1) Get your calculator, HW and calendar out.

2) Compare the following sets of quiz results by finding mean, your 5-number summary, range, and IQR.

Quiz 1:

62, 81, 64, 78, 64, 68,
74, 74, 69, 71, 73, 74

Quiz 2:

98, 81, 73, 69, 61, 57,
43, 54, 63, 71, 73, 91

1) Data

2) L_1

3) 2nd data

4) #2 1-Var Stat

Quiz 1 — $\bar{x} = \text{mean} = 71$
 min = 62 $Q_1 = 66$ med = 72 $Q_3 = 74$ max = 81
 Range = 19 IQR = 8

Quiz 2 — $\bar{x} = 69.5$ min = 43
 $Q_1 = 59$ med = 70 $Q_3 = 77$ max = 98
 Range = 55 IQR = 18