

Name:

PIN:

MATH 1342

Quiz 2.7

Students took an exam during a Fall course. The exam was out of 100 points possible. The scores are: 74, 59, 60, 59, 66, 66, 57, 87, 59, 74, 78, 62, 59, 61, 72, 73, 37, 62, 38, 63, 12, 73, 58, 64, 28, 60, 65, 80, 91, 87, 83, 60, 61, 58, 99.

(1) Arrange this data in ascending order. Find M , Q_L , Q_U , and the inner quartile range (IQR).

(2) Find the lower inner fence and upper inner fence. Indicate the lowest data value above the lower inner fence and the highest data value below the upper inner fence.

(3) Sketch a Box Plot for this data. Be sure to indicate any possible outliers.