IV. Using this data, prove that the sum of the deviations around an arithmetic mean is ________

Data: 3, 7, 5

V. Calculate a weighted mean of parking tickets costing $25, $35, and $45 with corresponding weights of 10, 20, and 10 respectively. Why must the answer be $35?

VI. Calculate the following for the question II data.

A. $Q_1$
B. $Q_3$
C. Interquartile range
D. 2nd decile
E. 85th percentile