

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