



1- Water Samples were collected from 13 locations along River Nile and tested for mercury. For each location, the number of samples needed to reach the maximum acceptable level of mercury, as defined by the Environmental Protection Agency, was determined to be:

0.86 / 0.26 / 0.16 / 0.52 / 0.77 / 0.47 / 0.64 / 0.62 / 0.36 / 0.49 / 0.99 /
0.33 / 0.41.

- (a) Compute the mean and median.
- (b) Compute the first quartile and the third quartile.
- (c) Compute the variance, standard deviation, and range.