1. a) \frac{1}{n} \bullet \frac{\x}{\infty} \bullet \frac{\x}{\infty} \big(\x) \begin{array}{c} \end{array} estimates \text{E[Vof\_(X)], which is only part of}

Vol. (0), thus making the result biased towards the other term.

b) We simply average the n samples:  $\frac{1}{n}\sum_{i=1}^{n}f_{i}(\mu + \sum_{i=1}^{n}\xi)$