# 14.5 Variance

The square of standard deviation is called the variance.

**Coefficient of standard deviation and variance :** The coefficient of standard deviation is the ratio of the S.D. to A.M. *i.e.*, $\frac{\dagger}{x}$ .

Coefficient of variance = coefficient of S.D. $\times 100 = \frac{\dagger}{\bar{x}} \times 100$ .