The variance of a collection of n equally likely values can be written as

$$\text{Var}(X) = \frac{1}{n}\sum_{i=1}^{n}(x_i - \mu)^2 = \left(\frac{1}{n}\sum_{i=1}^{n}x_i^2\right) - \mu^2,$$

where μ is the average value. That is,

$$\mu = \frac{1}{n}\sum_{i=1}^{n}x_i.$$