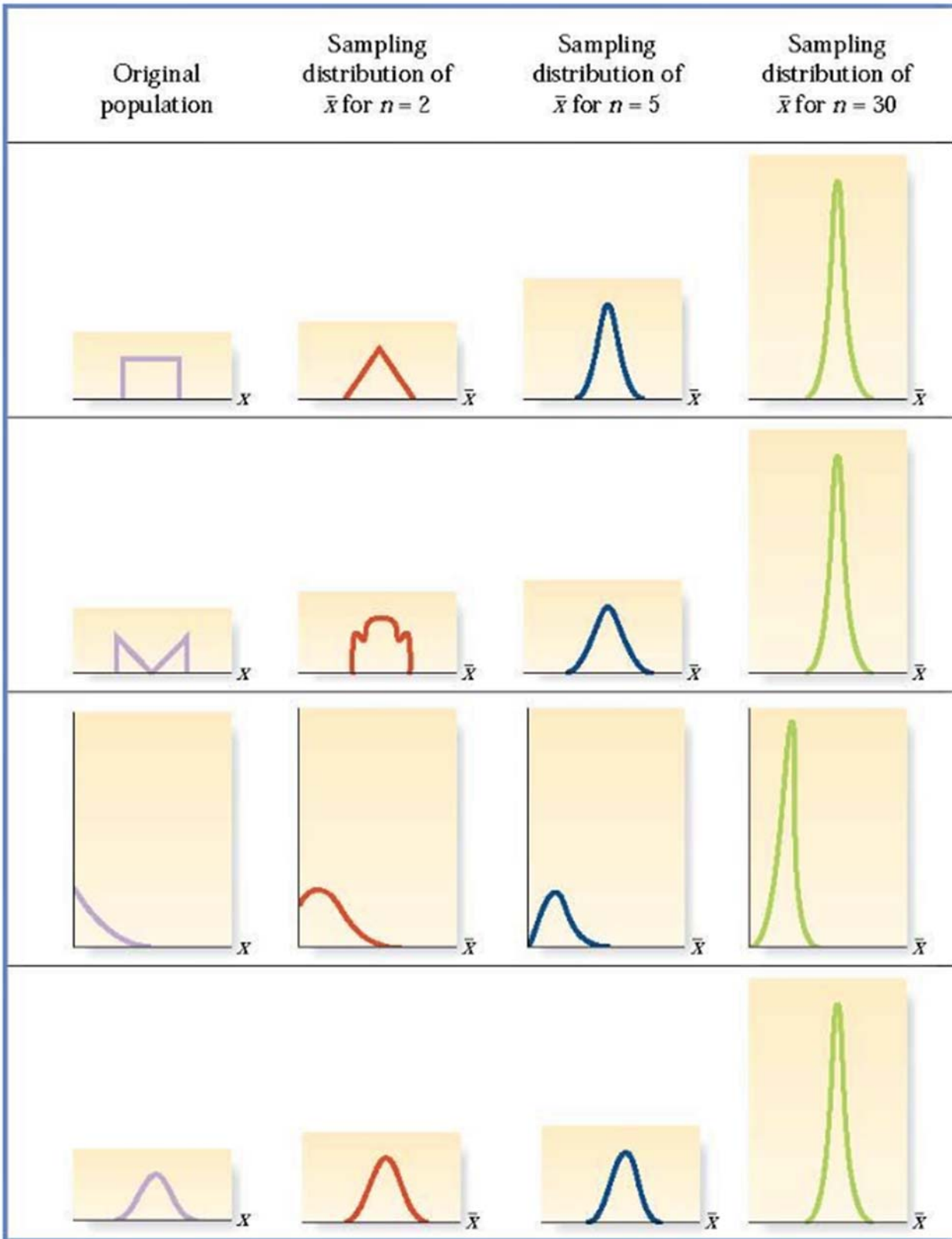


Sampling Distribution for a Sample Mean



1. The mean of a sample mean is denoted by $\mu_{\bar{x}}$, and it is equal to μ .
2. The SD of a sample mean is denoted by $\sigma_{\bar{x}}$, and it is equal to $\frac{\sigma}{\sqrt{n}}$.
3. When the population is normal or when $n \geq 30$, the sample mean closely follows a normal distribution.