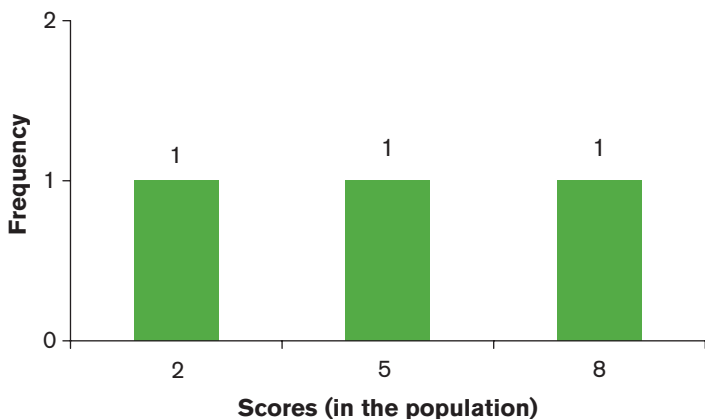


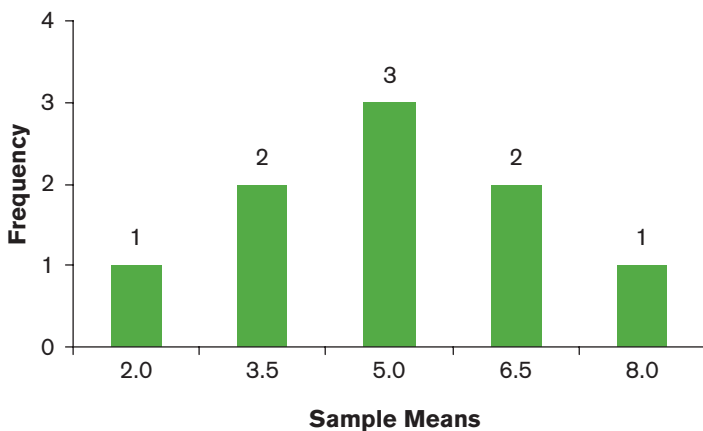
**FIGURE 7.3** The Central Limit Theorem

**(a) Population Distribution**



Distribute all the possible sample means ( $n = 2$ ) that can be selected from this population.

**(b) Sampling Distribution**



The hypothetical population has a nonmodal distribution (a), yet the possible sample means ( $n = 2$ ) are approximately normally distributed (b).