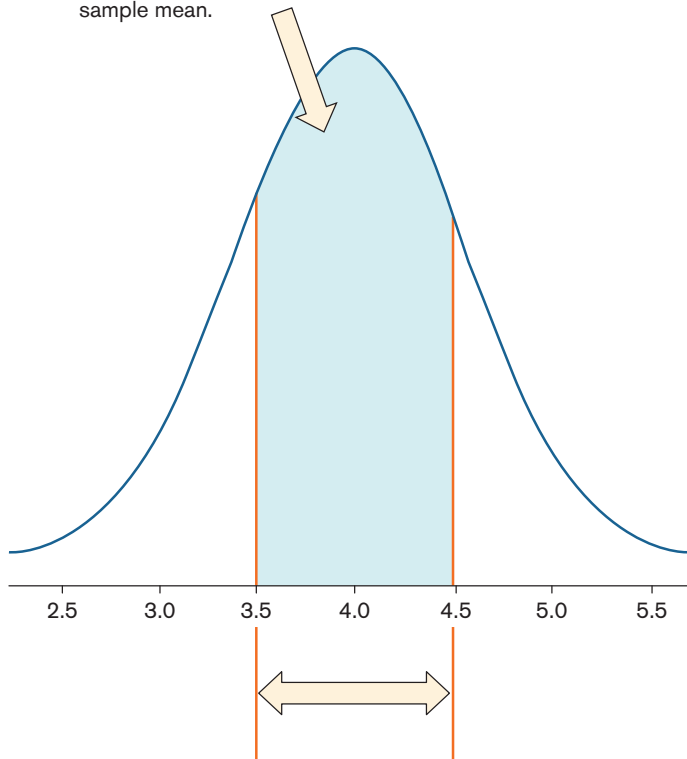


FIGURE 11.2

The Sampling Distribution for Samples of Size 100 with $M = 4$ and $SEM = 0.5$

At least 68% of all possible sample means fall within one standard error of the sample mean.



The 68% confidence interval for this sampling distribution is identified in the figure.