FIGURE 8.2 Normal distribution of platelet volume x with $\mu = 8.25$ and $\sigma = .75$
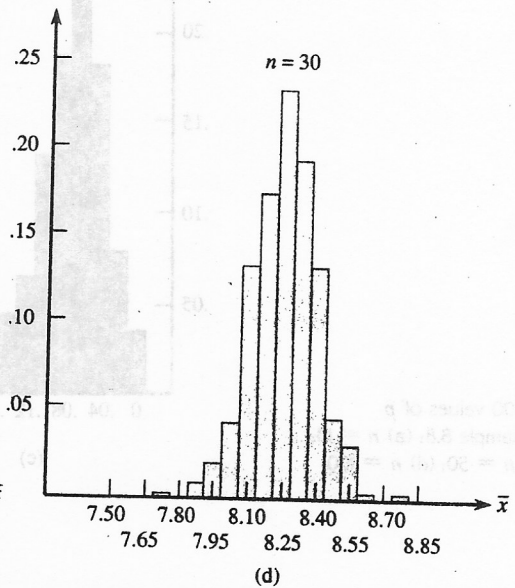
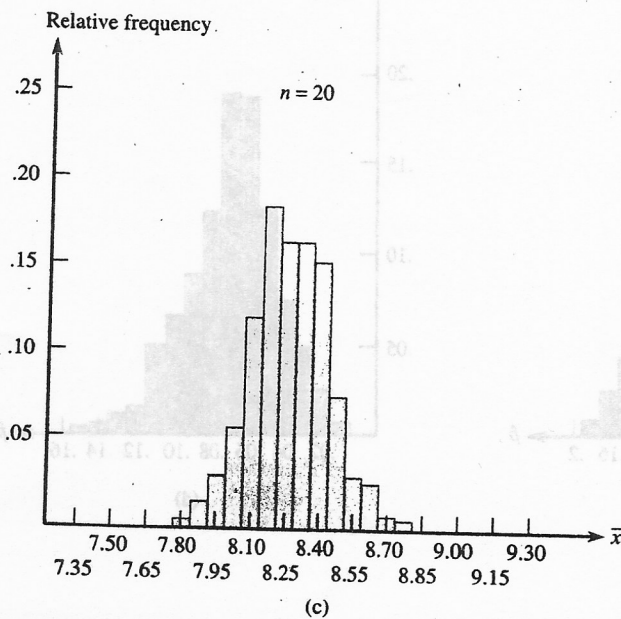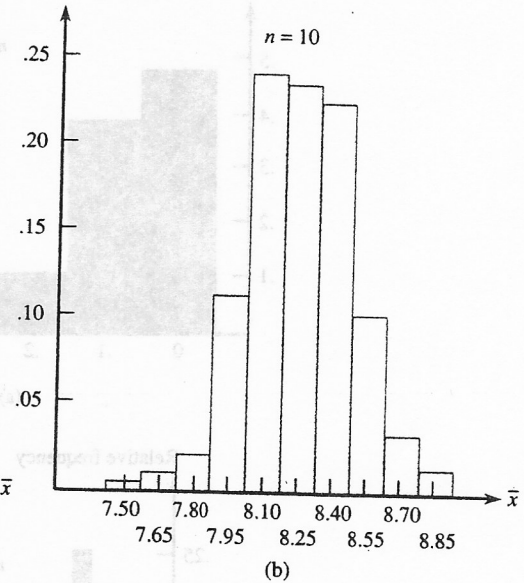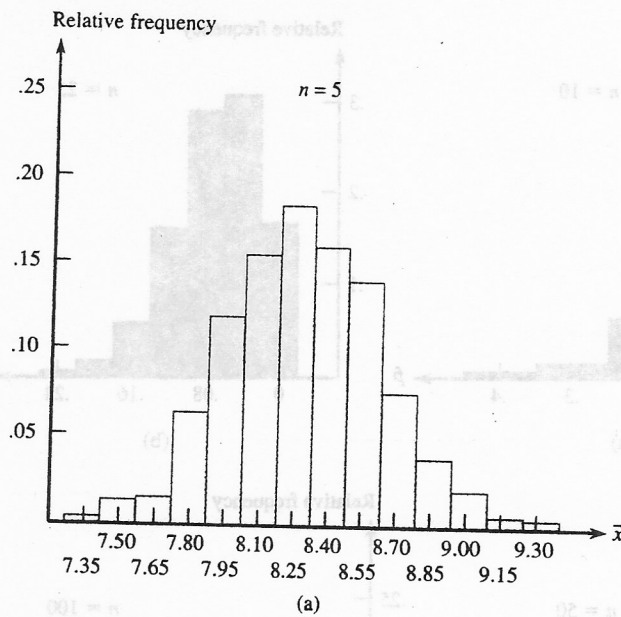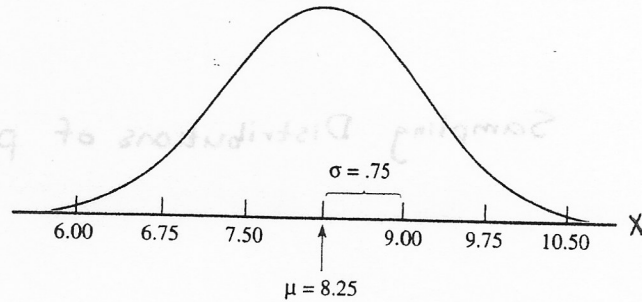**FIGURE 8.3** Sample histograms for $\bar{x}$ based on 500 samples, each consisting of n observations: (a) $n = 5$; (b) $n = 10$; (c) $n = 20$; (d) $n = 30$

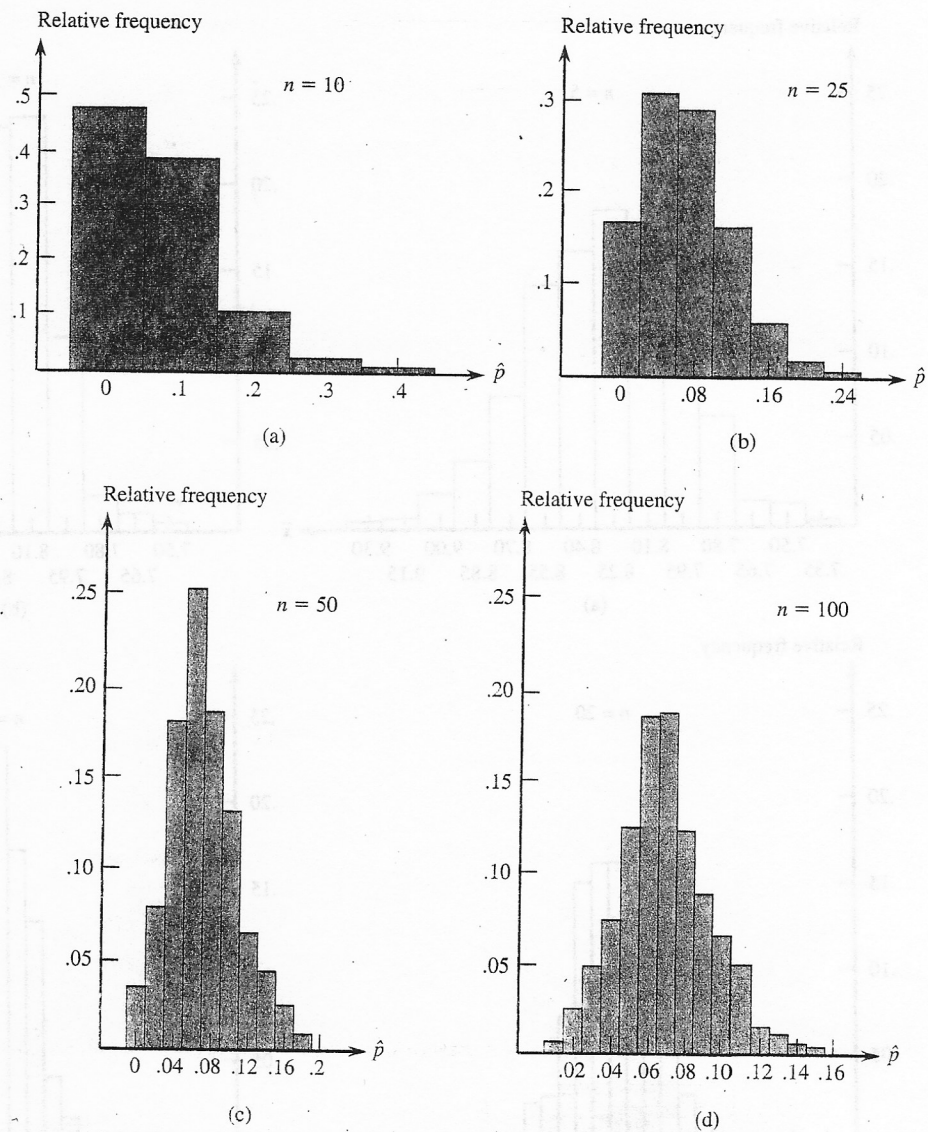# Sampling Distributions of $\hat{p}$ when $p = 0.07$

FIGURE 8.8.
Histograms of 500 values of $\hat{p}$
($p = .07$) for Example 8.8: (a) $n = 10$;
(b) $n = 25$; (c) $n = 50$; (d) $n = 100$.