

**Table 5.1**

Relationship Between  
Sample Size and Sampling  
Error With  $\sigma = 100$

<i>Sample Size</i>	<i>Sampling Error</i>
10	31.62
20	22.36
40	15.81
80	11.18
160	7.91
320	5.59
640	3.95
1,280	2.80
2,560	1.98