

Table 7.1 Similarities and Differences Between the z Test and t Test

	<i>z for a Sample Mean Test</i>	<i>Single-Sample t Test</i>
Formula	$z = \frac{M - \mu}{SEM_p}$	$t = \frac{M - \mu}{SEM_s}$
Computation of sampling error (standard error of the mean)	$SEM_p = \frac{\sigma}{\sqrt{N}}$	$SEM_s = \frac{SD}{\sqrt{N}}$