

Figure 8-1 P-Value Method

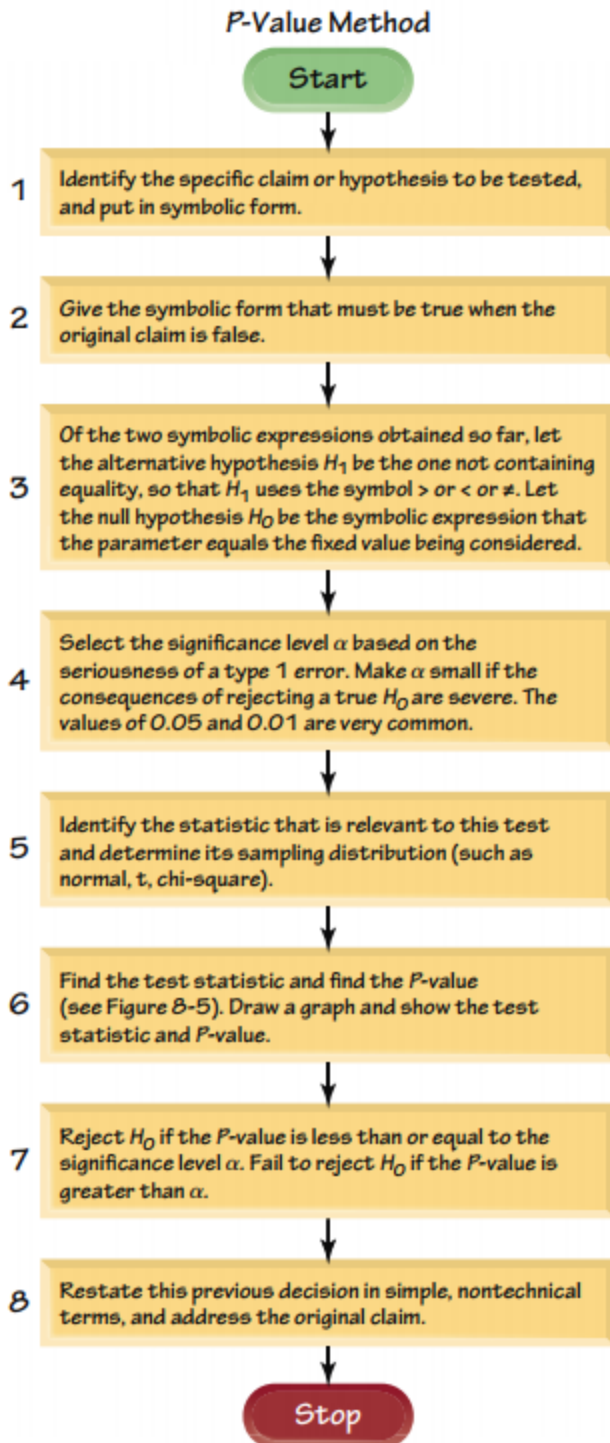
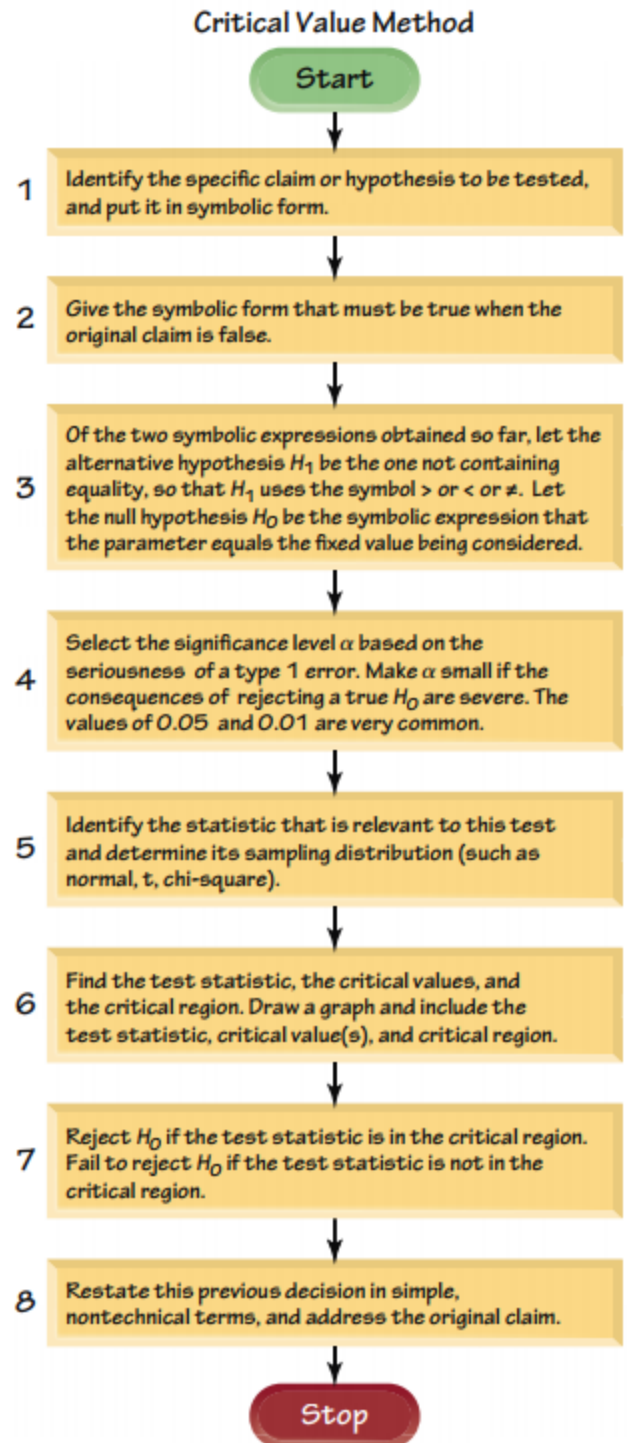


Figure 8-2 Critical Value Method



### Confidence Interval Method

Construct a confidence interval with a confidence level selected as in Table 8-1.

Because a confidence interval estimate of a population parameter contains the likely values of that parameter, reject a claim that the population parameter has a value that is not included in the confidence interval.

Table 8-1 Confidence Level for Confidence Interval

Significance Level for Hypothesis Test		Confidence Level for Confidence Interval	
		Two-Tailed Test	One-Tailed Test
0.01	99%	99%	98%
	95%	95%	90%
	90%	90%	80%