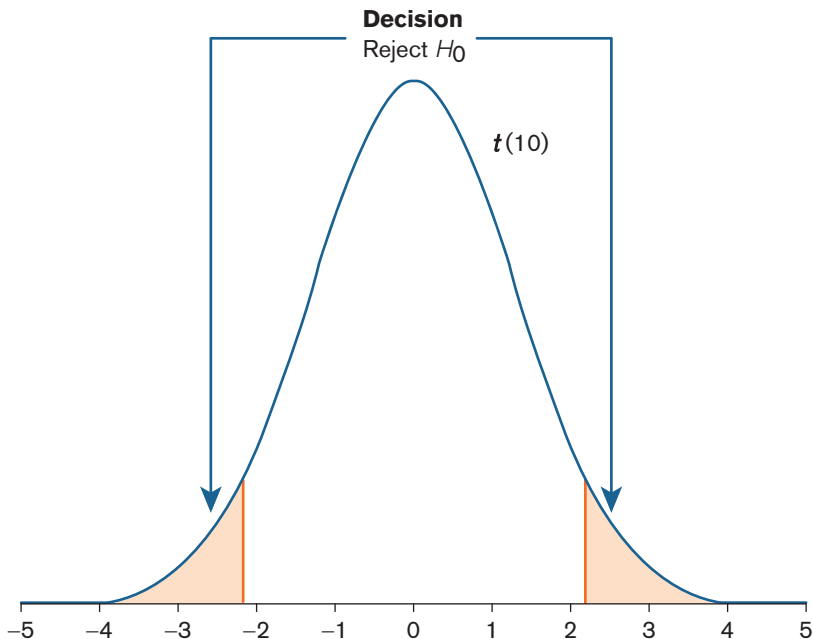


FIGURE 9.5 Setting the Criteria for a Decision



The shaded region shows the rejection region with critical values equal to ± 2.228 for a t distribution with $df = 10$. If the value of the test statistic falls in the shaded region, we reject the null hypothesis; otherwise, we retain the null hypothesis.