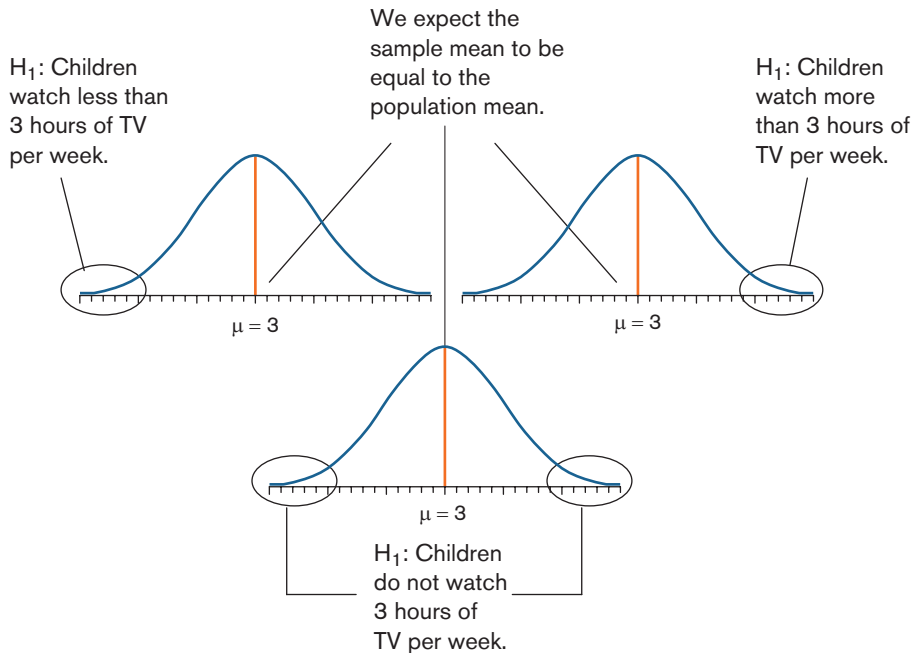


FIGURE 8.2 The Three Decision Alternatives for a Hypothesis Test



Although a decision alternative can be stated in only one tail, the null and alternative hypotheses should encompass all possibilities for the population mean.