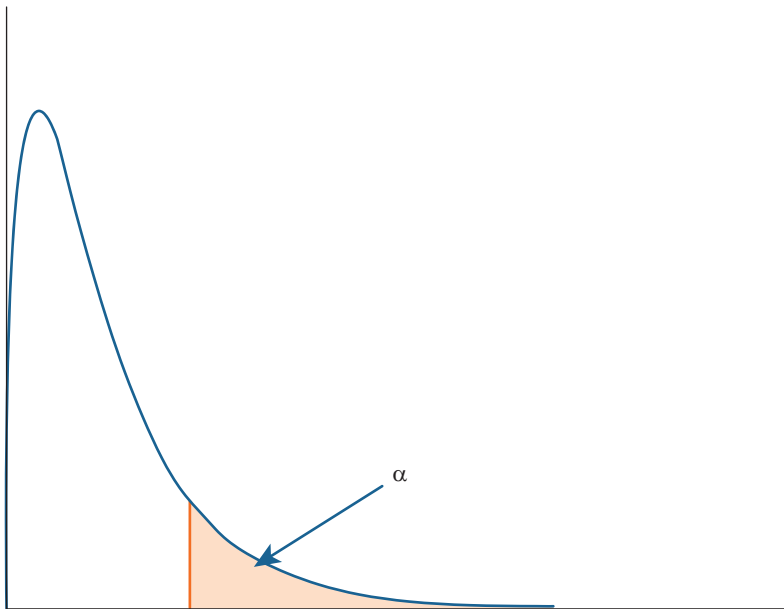


FIGURE 12.3 The F Distribution



The rejection region or alpha level (α) is placed in the upper tail of an F distribution because values farther from 0 indicate outcomes that are less likely to occur if the null hypothesis is true.