

**TABLE 14.2**

## The Structure of a Study That Combines the Levels of Two Factors

If our hypothesis is correct, then we expect only the levels of this factor to show significant differences.

		Type of Interaction	
		Positive	Negative
Subject Taught	Biology	Group Pos., Biol.	Group Neg., Biol.
	Psychology	Group Pos., Psychol.	Group Neg., Psychol.

On the basis of the hypothesis, we expect the type of interaction (positive, negative) and not the subject taught (biology, psychology) to be associated with differences in ratings.