

TABLE 14.11

Preliminary Calculations for the Two-Way Between-Subjects ANOVA in Example 14.1

		Exposure to Sugars (Factor A)			
		Low	Moderate	High	
Buffet of Sugary Foods (Factor B)	Absent	$\sum x = 54$	$\sum x = 60$	$\sum x = 66$	$\sum x = 180$
		$\sum x^2 = 502$	$\sum x^2 = 650$	$\sum x^2 = 748$	
	Present	$\sum x = 36$	$\sum x = 60$	$\sum x = 84$	$\sum x = 180$
		$\sum x^2 = 224$	$\sum x^2 = 640$	$\sum x^2 = 1,190$	
		$\sum x = 90$	$\sum x = 120$	$\sum x = 150$	$\sum x_T = 360$
					$\sum x_T^2 = 3,954$