

TABLE 12.6An F Table With the Formulas for Completing the Table

Source of Variation	SS	df	MS	F_{obt}
Between groups	1.07	$k - 1 = 2$	$\frac{SS_{\text{BG}}}{df_{\text{BG}}}$	$\frac{MS_{\text{BG}}}{MS_{\text{E}}}$
Within groups (error)	4.12	$N - k = 27$	$\frac{SS_{\text{E}}}{df_{\text{E}}}$	
Total	5.19	$N - 1 = 29$		