

**TABLE 13.4**

The  $F$  Table With the Formulas for Completing the Table Given

Source of Variation	$SS$	$df$	$MS$	$F_{\text{obt}}$
Between groups	32.67	$k - 1 = 2$	$\frac{SS_{\text{BG}}}{df_{\text{BG}}}$	$\frac{MS_{\text{BG}}}{MS_{\text{E}}}$
Between persons	12.67	$n - 1 = 6$	$\frac{SS_{\text{BP}}}{df_{\text{BP}}}$	
Within groups (error)	11.33	$(k - 1)(n - 1) = 12$	$\frac{SS_{\text{E}}}{df_{\text{E}}}$	
Total	56.67	$(kn) - 1 = 20$		