

TABLE 12.5

Preliminary Calculations for the One-Way
Between-Subjects ANOVA in Example 12.1

<i>Perceived Stress Level of Workplace</i>			← $k = 3$
<i>Low</i>	<i>Moderate</i>	<i>High</i>	
3.4	3.5	2.9	
3.2	3.6	3.0	
3.0	2.7	2.6	
3.0	3.5	3.3	
3.5	3.8	3.7	
3.8	2.9	2.7	
3.6	3.4	2.4	
4.0	3.2	2.5	
3.9	3.3	3.3	
2.9	3.1	3.4	
$n_1 = 10$	$n_2 = 10$	$n_3 = 10$	$N = 30$
$\sum x_1 = 34.30$	$\sum x_2 = 33.00$	$\sum x_3 = 29.80$	$\sum x_T = 97.10$
$\sum x_1^2 = 119.07$	$\sum x_2^2 = 109.90$	$\sum x_3^2 = 90.50$	$\sum x_T^2 = 319.47$