

TABLE 16.2

Preliminary Calculations in Step 1 for Example 16.3

		The deviation of each score (Y) from the mean (M_Y)		The product of the deviation scores for X	
		The deviation of each score (X) from the mean (M_X)		The product of deviation scores for X and Y	
X	Y	$X - M_X$	$Y - M_Y$	$(X - M_X)(Y - M_Y)$	$(X - M_X)^2$
9	0	3.75	-2.75	-10.31	14.06
5	3	-0.25	0.25	-0.06	0.06
8	2	2.75	-0.75	-2.06	7.56
2	5	-3.25	2.25	-7.31	10.56
6	3	0.75	0.25	0.19	0.56
3	4	-2.25	1.25	-2.81	5.06
5	2	-0.25	-0.75	0.19	0.06
4	3	-1.25	0.25	-0.31	1.56
$M_X = 5.25$		$M_Y = 2.75$		$SS_{XY} = -22.50$	$SS_X = 39.50$
Mean number of sessions (X)		Mean number of symptoms (Y)		The sum of products for X and Y	
				The sum of squares for X	