

**TABLE 4.2** Predicted values and prediction errors for the regression in table 4.1

<i>Observation</i>	$bx_i$	$\hat{y}_i = a + bx_i$	$e_i = y_i - \hat{y}_i$	$e_i^2$
1	66,600	27,800	-7,800	60,840,000
2	77,700	38,900	14,100	198,810,000
3	88,800	50,000	-15,000	225,000,000
4	99,900	61,100	18,900	357,210,000
5	111,000	72,200	10,200	104,040,000
<b>Sum</b>	<b>250,000</b>	<b>250,000</b>	<b>0</b>	<b>945,900,000</b>