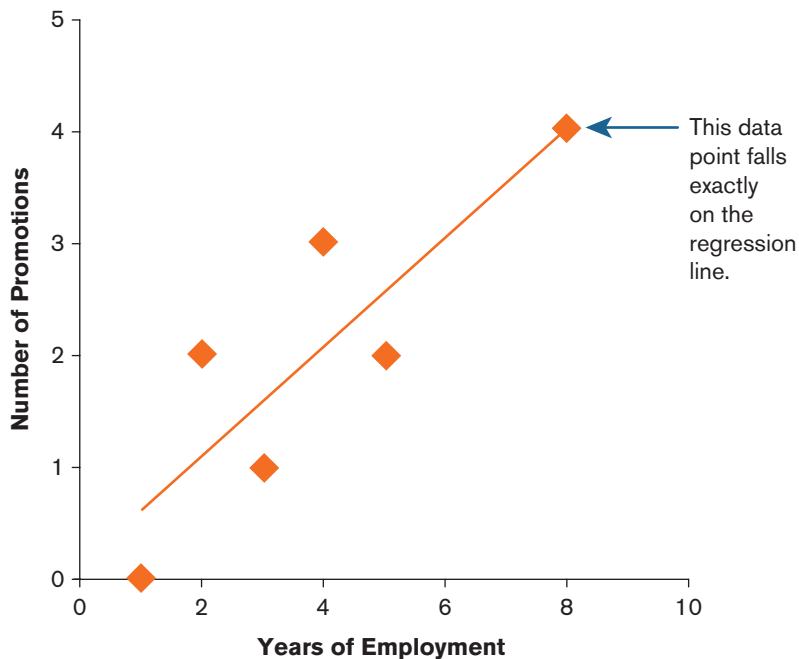


**FIGURE 16.1**

A Table and Scatter Plot Showing the Number of Years Six Hypothetical Workers ( $n = 6$ ) Have Been Employed and the Number of Promotions Each Has Received in That Time

Years of Employment	Number of Promotions
$X$	$Y$
1	0
8	4
3	1
5	2
4	3
2	2



The regression line is given in the scatter plot. Both the table and the scatter plot show the same data.