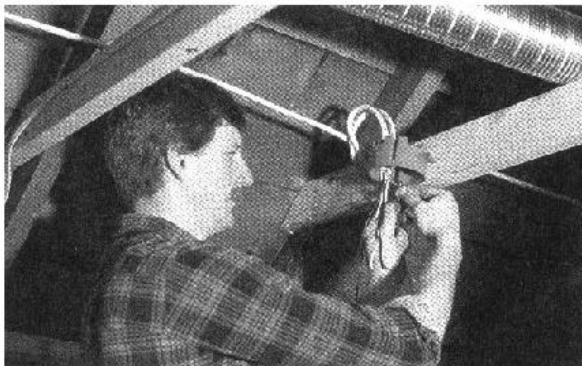


## Algebraic Expressions

Every time you hire an electrician, it costs \$50 for the house call. The total bill, however, will depend on the number of hours the electrician is on the job. A table is useful in finding the cost for the total number of hours on the job when the hourly cost is \$30.



Hours	Expression	Cost
1	$50 + 30 \cdot 1$	80
2	$50 + 30 \cdot 2$	110
3	$50 + 30 \cdot 3$	140

The table shows that the cost depends on the number of hours the electrician works on the job. How can you find the cost after any