***Attempt Kindly***

Consider the table below which shows data showing the test scores made by salesmen on an intelligence test and their weekly sales:

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Salesmen** | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| **Test score** | 40 | 70 | 50 | 60 | 80 | 50 | 90 | 40 | 60 | 60 |
| **Sales (‘000$)** | 2.5 | 6.0 | 4.0 | 5.0 | 4.0 | 2.5 | 5.5 | 3.0 | 4.5 | 3.0 |

Calculate the regression equation of sales on test scores and estimate the probable weekly sales volume if a salesman makes a score of 100.