Colligative Properties of Antifreeze Lab Sample Student Data

***Part 2: Boiling Point Elevation***

|  |  |
| --- | --- |
| Concentration (%) | Boiling Point (\*C) |
| 10 | 85.5 |
| 20 | 82.5 |
| 30 | 84.25 |
| 40 | 90 |
| 50 | 91.875 |
| 60 | 90 |
| 70 | 88.25 |
| 80 | 97.25 |
| 90 | 101.875 |

***Part 3: Freezing Point Depression***

|  |  |
| --- | --- |
| Concentration (%) | Freezing Point (\*C) |
| 10 | -4.75 |
| 20 | -7.75 |
| 30 | -7.5 |
| 40 | -4.5 |
| 50 | -2.25 |
| 60 | 3.25 |
| 70 | 3.75 |
| 80 | 5.5 |
| 90 | 3.5 |