Given the following values in the array – show the values compared and the number of comparisons when a Linear Search is done for

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 15 | 34 | 65 | 12 | 76 | 48 | 93 | 22 | 85 | 52 | 60 | 71 | 69 | 74 | 66 | 38 |

* 25
* 48
* 65
* 73
* 26

Given the following values in the array – show the values compared and the number of comparisons when a Binary Search is done for

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 12 | 15 | 22 | 34 | 38 | 48 | 52 | 60 | 65 | 66 | 69 | 71 | 74 | 76 | 85 | 93 |

* 25
* 48
* 65
* 73
* 26