

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| V | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 0 | 0 | 0 | 4 | 4 | 4 | 4 |
| 2 | 0 | 0 | 0 | 4 | 4 | 7 | 7 |
| 3 | 0 | 0 | 3 | 4 | 4 | 7 | 7 |
| 4 | 0 | 3 | 3 | 6 | 7 | 7 | 10 |

Formula for last row: V[I, j] = max ( V[I – 1, j], V[I – 1, w – w[i] ] + Value[i] )

10 = 3 + V[3, 5]