$\begin{bmatrix} 1,\,1,\,1,\,1,\,1,\,1,\,1,\,1,\,1,\,2,\,1,\,2,\,1,\,2,\,1,\,1,\,1,\,1,\,3,\,2,\,2,\,2,\,2,\,2,\,1,\,3,\,2,\,2,\,2,\,2,\,2,\,6,\,6,\,2,\,5,\,2,\\ 6,\,4,\,6,\,4,\,4,\,6,\,3,\,4,\,4,\,3,\,3,\,2,\,6,\,3,\,6,\,5,\,4,\,3,\,8,\,5,\,5,\,3,\,7,\,9,\,7,\,8,\,6,\,4,\,7,\,7,\,7,\\ 4,\,9,\,9,\,7,\,6,\,8,\,8,\,7,\,4,\,9,\,7,\,7,\,7,\,9,\,9,\,5,\,5,\,8,\,5,\,9,\,3,\,6,\,4,\,7,\,6,\,8,\,7,\,6,\,4,\,9,\,7,\\ 7,\,5,\,9,\,7,\,6,\,4,\,9]$