$$\begin{cases} 5 | 5 \rangle \\ 3 | 100 | 400 | 00 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0 | 100 \\ 0$$