CALCULATING THE QUOTA
For electing six state senators

Senators required: 6
Total votes: 700 000 (for simplicity)

\[
\frac{700\,000}{6 + 1} + 1 = \text{QUOTA}
\]

\[
700\,000 \div 7 = 100\,000
\]

\[
100\,000 + 1 = 100\,001
\]

\[
\text{QUOTA} = 100\,001
\]