Step-1

When *n* is even, clearly $\frac{n}{2}$ interchanged grows are required to get into normal order of rows. And when n is odd, the middle row is exactly in its own place and we need $\frac{n-1}{2}$ interchanges to get into normal order or rows.

Therefore, in these cases, the required interchanges are $(R_1, R_n), (R_2, R_{n-1}) \ldots\ldots\ldots \frac{\left(\frac{R_n}{2}, R_{\frac{n}{2}+1}\right)}{\left(R_{\frac{n-1}{2}}, \frac{R_{n+1}}{2}\right)}$