In this example, there is no ***corner line***, so the corresponding bipartite graph of it is empty. Then for those ***internal corners*** which has no line (except the *border*) connected to, we draw a either horizontal or vertical line from them (we use horizontal lines in this example). So,

$$\begin{aligned} |R(L_m)| &= \frac{n}{2} + h - \max\{|L_c|\} - 1 \\ &= \frac{8}{2} + 1 - 0 - 1 \\ &= 4 \end{aligned}$$