

OLYMPIAD · MENTAL ABILITY · OLYMPIAD PREPARATION · FORMULA BANK

Chapter 6: Ranking and Ordering

Every formula and result of the chapter on one sheet

- | | | |
|---|--|--|
| 1 | Total in a row | $(\text{position from left}) + (\text{position from right}) - 1$ |
| 2 | Other position | $\text{total} + 1 - (\text{known position})$ |
| 3 | Between two positions at the same end | $ q - p - 1$ |
| 4 | Between two positions at opposite ends | convert to the same end first |
| 5 | Exchange of places | the number of people between them stays the same |