

# A Mad Tea-Party

Alice came to a most curious tea-party around a large table with ten seats, with the Mad Hatter, Bill the Lizard, the Dormouse, the March Hare, and the Duchess. “No room! No room!” they cried when they saw Alice coming. Each took a seat, and abruptly stood and took another. They kept switching seats.

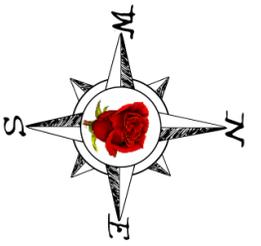
“How is a raven like a writing-desk?” asked the Hatter.

Alice thought for a moment. “**I feel** I will never know,” she said.



The table on the next page indicates the totals of how many chairs each party-goer sat in and how many party-goers sat in each chair. Use the statements below to fill in an **X** for each incorrect square and a **O** for each correct square.

1. Bill the Lizard sat in the three chairs closest to the western edge of the table (as well as others).
2. Alice and Bill the Lizard never sat in the same seat.
3. Alice only sat in chairs with flowers on them.
4. The Duchess never sat in a chair next to one she had sat in before.
5. The Mad Hatter sat in exactly the same seats as the Duchess, except for the striped armchair.
6. Bill the Lizard and the March Hare both sat in the bergère.
7. The Dormouse sat in each chair without armrests, except the high chair.
8. The Dormouse and Alice each sat in the same two adjacent seats.
9. The March Hare sat in all the same seats as Bill the Lizard except one. Instead, the March Hare sat in the chair to the east of the one chair that Bill the Lizard sat in that the March Hare did not.
10. The Duchess did not sit in the chair closest to the eastern side.



	Blue Armchair	Lath Chair	Striped Armchair	Book Stool	Chaise	Side Chair	Bergère	Lawn Chair	Recliner	High Chair	Total
Bill the Lizard											6
Alice											2
Mad Hatter											3
March Hare											6
Dormouse											6
Duchess											4
<b>Total</b>	4	3	3	1	4	2	2	2	4	2	