**MATH GAME**

**The Number Game**

The goal is to guess what expression another player has made.

Number of players: 2 to 4

**How to Play**

1. Take turns being the Rule Maker. The Rule Maker writes an expression with one variable, but does not show it to the other players.

2. The Rule Maker asks a player for a number. The Rule Maker substitutes this number into the expression and tells the result. The player who gave the number then tries to figure out the rule.

3. If the rule is incorrect, the Rule Maker asks the next player for a number.

4. The Rule Maker continues to ask for numbers until a player figures out the rule.

5. Play until everyone has been the Rule Maker. The player with the greatest score wins.

**Scoring**

1. The Rule Maker receives 1 point for each incorrect rule.

2. The player who figures out the rule receives the same number of points as the Rule Maker for that round, plus 10 extra points.

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**Oshana’s Turn**

Nayana was the Rule Maker.
Denis said 2, and the result was 7. Denis’s rule was incorrect.
Jacob said 3, and the result was 9. Jacob’s rule was incorrect.
Then it was my turn.
I said 4, and the result was 11.
I figured out that the expression was $2n + 3$. I was right!
Nayana got 2 points, and I got $2 + 10 = 12$ points.