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Experiment 1
Postlab

Q 1] What is the ~~easise~~ easiest trick to win Tic-Tac-Toe?

→ The easiest trick to win Tic-Tac-Toe is to play as the first player and place the symbol in the centre square. This moves maximizs the chances of winning if the opponent does not make best moves.

Q 2] What is the algorithm to follow to win a 5x5 Tic-Tac-Toe?

→ There is no guaranteed algorithm to win a 5x5 Tic-Tac-Toe since the game becomes more complex with the larger grid size. However, strategies from regular 3x3 Tic-Tac-Toe can still be applied, such as aiming to create a winning line while blocking the opponents attempts to do the same.

Q 3] Is there a way to never lose at Tic-Tac-Toe?

→ While it is theoretically possible to never lose, achieving this in paracticality relies on the opponent making mistakes or not following optimal strategies. The game has a finite numbas of possible, so a perfect player could force a draw every time against the opponent.

Q4] What can Tic Tac-toe help you with?

-> It can help with several cognitive skills including strategic thinking, pattern recognition, decision-making, and planning ahead. It is often used as a teaching tool for basic game theory and as simple introduction to more complex board games. Additionally playing Tic-Tac-toe can also be a fun way to pass time and engage in friendly competition.