

* Experiment-2 (Postlale) Q.i) What is the relationship between tic-tar-toe and magic Square? Ans: There is a relationship between Tic Tox Toe and magic squares, posticularly in the context of a 3x3 magic square. In The Tax De, players aim to create a line of three of their symbols (X or O) in a row, column, on diagonal. A 3x3 magic square is a mathematical construct where the sum of the number in each the some. To a 3x3 magic square the numbers are usually distinct integers arranged in a grid. Both Tilda De and a 3x3 magic Square involve arroging symbols or runders in a way that satisfies specific criteria for winning or leing considered "magic". a2) What is a magic square of order ?? Ars:- A magic square of order a is an avangement of the numbers from 1 to n'2 in a square grid of size nxn, such that the sum of the numbers in each row, each column, and both main diagonals is the same. This constant sum is known as the "magic constant" Or "magic sun". The most well-known and studied magic square is of order 3 (3x3), where the sun of each row, column, and diagonal is 15. Magic squares exist for various orders but constructing them becomes increasingly challenging as the order increases.