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Batch: B

TE Comps A.

Experiment 2

Post lab

- Q 1] What is the relationship between tic-tac-toe and magic square?
- The relationship between the main (tic-tac-toe) group and the subgroup (magic square card game) is not isomorphic because the mapping of the subgroup into the main group is not bijective. It is 1 to 1 but not onto because the main group is huge and the subgroup is small. So the mapping is injective.
- Q 2] What is a magic square of order n ?
- A magic square of order n is an arrangement of n^2 numbers usually distinct integers in a square such that the n numbers in all rows, all columns and both diagonals sum to the same constant.