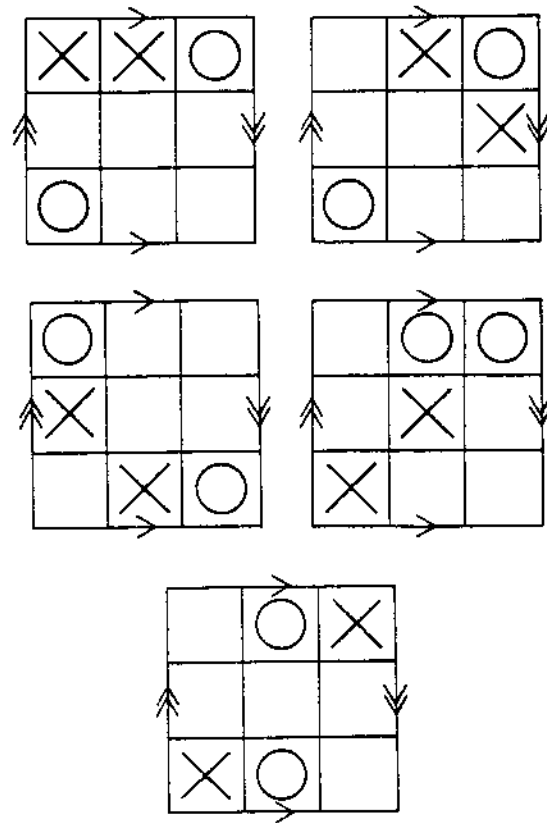


3. Find X 's best move in each game.



4. Use the square representation of the torus T^2 in the plane to show that $T^2 \# S^2 = T^2$.