



Finding Squares

Math Concepts: Squares

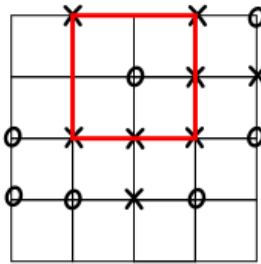
Materials: Graph paper or regular paper, pencil

Players: 2

Set up: Use graph paper or create an empty 5 by 5 grid using five horizontal and vertical lines.

Play: Players take turns putting their tokens on points where the lines cross in the grid.

Goal: The first player with four tokens on the corners of a square with horizontal and vertical lines of any size wins.



– DISCUSSION AND TIPS –

Discuss student strategies. Does any student think they have a strategy that will win every time?

Does the player who moves first have a big advantage?

– VARIATIONS –

Use grids larger than 5 by 5.

After students get practiced at the original game, you can use the harder version which allows squares with diagonal sides.

