



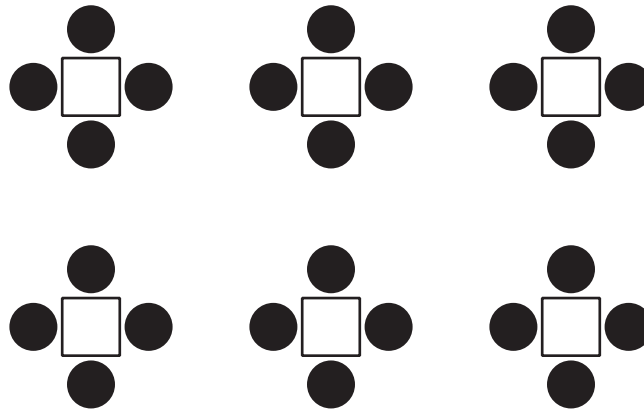
Game Night Seating Plan

Let's plan a game night.

Warm-up

Notice and Wonder: Squares and Circles

What do you notice? What do you wonder?



Activity 1

Game Night

Your club is planning a game night.

Guests can play 1 of 4 games that require a different number of players:

- Game A - 2 players
- Game B - 4 players
- Game C - 5 players
- Game D - 10 players

The game room has 16 identical square tables. One person can sit on each side of the table.

1. Make a seating plan that shows a table arrangement so that each guest can play 1 of the games and all the tables are used.

2. Make a poster that includes:

- a. a seating chart
- b. an explanation about how you decided on your seating plan
- c. how many people can play games in the room with your seating plan

Activity 2

Game Night on a Graph

Make a scaled bar graph that shows the number of guests that can play each of the games A, B, C, and D. Be sure to include:

- a title and other labels
- a scale that counts by a number other than 1

A blank bar graph template. It consists of a vertical axis on the left and 12 horizontal grid lines extending to the right. The grid lines are evenly spaced, creating 12 rows for bars. There is no title or label on the graph.