## Lesson 21: 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?



### 21.1: Game Night

Your club is planning a game night.

Guests can play one of four different 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, where one person can sit on each side.

1. Make a seating plan that shows the table arrangement so that each guest can play one of the games.
2. Make a poster that includes:
	1. a seating chart
	2. an explanation about how you decided on your seating plan
	3. how many people can play games in the room with your seating plan

### 21.2: 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



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