

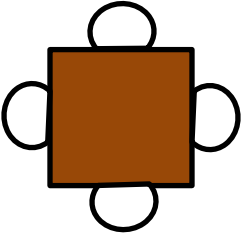
**Geometry – Unit 9 Activity**  
**Who Sits Where?**

Review, 7.SP.C.8

Name: \_\_\_\_\_ !

Date: \_\_\_\_\_ Pd: \_\_\_\_\_

Anthony (A), Brandon (B), Carla (C), and Diane (D) are seated around a square table, one person on each side. Illustrate a possible seating arrangement...



**Question:** What is the theoretical probability that Anthony and Carla are seated opposite each other?

First, fill in the table to show all possible seating arrangements:

Second, identify all seating arrangements that have Anthony and Carla seated across from each other. (Use the 5<sup>th</sup> column)

Top Seat	Right Seat	Bottom Seat	Left Seat	A & C across from each other

What is the theoretical probability that Anthony and Carla are seated opposite each other? \_\_\_\_\_

