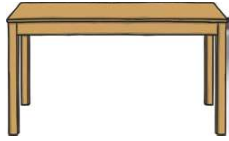


Priya is planning how to arrange the tables in her new cafe.



seats 3 people



seats 5 people

- 1) Priya has a total of 12 tables but can't remember how many are rectangles and how many are circles. (She has at least one of each type of table.) How many people could she fit into the café? Find all the possibilities.

- 2) Priya thinks she will need enough seats for 38 people. How many of each table might she use? Find all the possibilities.

Explain to a friend how you worked systematically.