

Test 8—Question 2: Problem Solving



- 2 Ms. Lightfoot owns a catering company. She made the chart below showing the number of guests who can sit at a given number of tables.

Party Seating

Number of Tables	Number of Guests
1	8
2	16
3	24
4	32

On the line below, write an equation that can be used to determine the number of tables (n) Ms. Lightfoot will need for 100 people.

Equation _____

Ms. Lightfoot has 10 tables. How many MORE tables will she need to seat 100 people?

Show All Work

Answer _____ more tables