

Chapter 12 – Rich task 3 - Sounds great

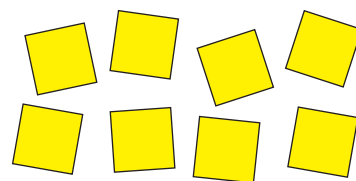
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**Sounds great**

Each small square is a table.

- 1 People are able to hire up to 8 of these tables for an outside concert.

- a What is the greatest number of people they can seat, if one person can sit along each edge?
- b Draw all the ways the tables could be arranged.
Which arrangement of tables seats the fewest people?



- 2 For the next concert people are able to hire up to 20 tables but they are joined together in twos like this.



- a Draw the arrangement of tables that seats the greatest number of people. How many?
- b Which arrangement of tables seats the fewest people?

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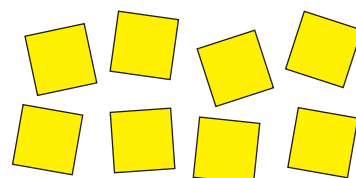
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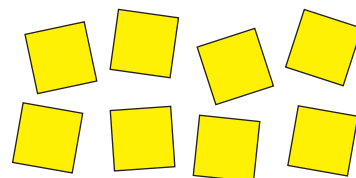
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