Heather, Leann, and Carol

In the school cafeteria, 4 people can sit together at 1 table. If 2 tables are placed together, 6 people can sit together.

a. How many tables must be placed together in a row to seat: 10 people? 20 people?
b. If the tables are placed together in a row, how many people can be seated using: 10 tables? 15 tables?

10 people ≤ 4 tables

20 people ≤ 9 tables

22 people

32 people
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b. If the tables are placed together in a row, how many people can be seated using:
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people = 4 Tables
20 people = 9 Tables
22 people for 10 Tables
32 people for 15 Tables
In the school cafeteria, 4 people can sit together at 1 table. If 2 tables are placed together, 6 people can sit together.

\[ \begin{array}{c}
    \times \\
    \times \\
    \times \\
    \times \\
\end{array} \quad \begin{array}{c}
    \times \\
    \times \\
    \times \\
    \times \\
\end{array} \quad \begin{array}{c}
    \times \\
    \times \\
    \times \\
    \times \\
\end{array} \]

\[ \text{Kayla} \quad \text{Nicole} \]

a. How many tables must be placed together in a row to seat 10 people? 20 people?
b. If the tables are placed together in a row, how many people can be seated using:
   10 tables? 15 tables?

\[ \text{6 people can sit @ 2 tables} \]

Take four tables in a row, count:

- How many people
- \[ \begin{array}{c}
    \times \\
    \times \\
    \times \\
    \times \\
\end{array} \]

9 tables for 20 people

10 tables, 22 people

(1) Count tables, most important thing more around to sit the number of people.
(2) Make
(3) Use 10 people

\[ \text{1 person} \]