


2. Erlinda and Chris are working with a caterer to rent banquet tables for the ninth grade fall dance. The tables are hexagon shaped, and six chairs will be placed around each table. Erlinda and Chris want to determine how many tables they will need for whatever number of students plan to attend the dance.

A picture representation of the situation is shown below. Represent the relationship between the number of tables and the total number of people that can be seated as a table, as a graph, in words, and as an algebraic rule.

Picture or diagram

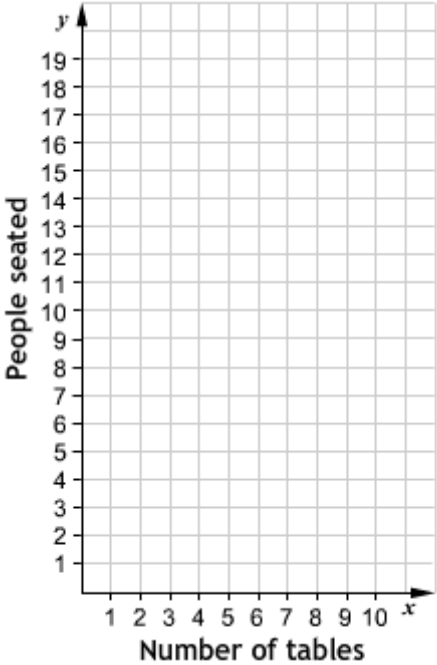


Table

Number of tables	Process	People seated

Words

Graph



Algebraic rule

3. Which representation do you think best illustrates the relationship between the number of tables and the number of people that can be seated? Explain your response.
4. Why might the choice of representation depend upon the question you are trying to answer?