

Name _____

Date _____

Matrices to Represent Data - Step-by-Step Lesson

The table below shows results of a survey.

Create a matrix to represent how many students in 1st and 2nd grade like strawberry ice cream, chocolate ice cream, and butter scotch ice cream.



No .of student	Strawberry Ice cream	Chocolate Ice cream	Butterscotch Ice cream
Grade 1 st	10	5	8
Grade 2 nd	4	11	9

Explanation:

A matrix is a method for organizing data. It is very similar to a data chart in that the data is organized into rows and columns. Each piece of data is called an entry.

In this case we have six entries in a 2 x 3 (2 rows, 3 columns) matrix.

$$\begin{bmatrix} 10 & 5 & 8 \\ 4 & 11 & 9 \end{bmatrix}$$

This matrix shows the 1st and 2nd grade students that like strawberry, chocolate, butterscotch ice cream

