Matrices to Represent Data - Guided Lesson Explanation

The basic strategy for all these problems is to make sure that every row of data is fundamental related. Each column differs by a simple variable.

Explanation#1

Step 1) In this case every row represents a different city (A or B). Every column represents a different year. It actually matches with the given data table.

Step 2) $\begin{bmatrix} 75 & 80 & 85 & 90 \\ 54 & 65 & 72 & 88 \end{bmatrix}$

Explanation#2

Step 1) Each row represents the grade of the students and each column represents a different subject.

Step 2) $\begin{bmatrix} 62 & 60 \\ 56 & 65 \end{bmatrix}$

Explanation#3

Step 1) Each row represents a different country (USA or Japan) and each column represents the number of trained plate spinners in a particular year.

Step 2) $\begin{bmatrix} 4262 & 5209 & 6099 & 8402 \\ 2448 & 6700 & 3498 & 9810 \end{bmatrix}$