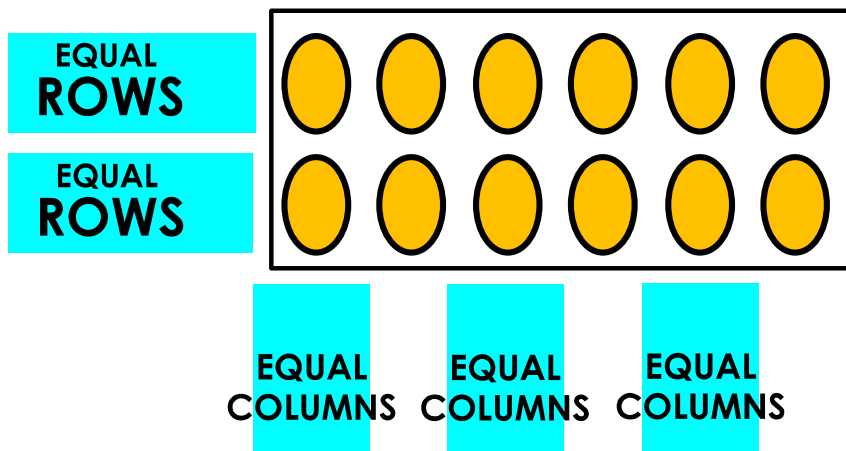


MULTIPLICATION

ARRAYS AND EQUATIONS

Arrays are a set of objects arranged in equal rows and equal columns.



Write a multiplication equation using an array.

Step 1: Start with the number of groups or rows in the array.

$$\begin{array}{c} \underline{2} \\ \text{(# of groups)} \end{array} \times \begin{array}{c} \underline{\quad} \\ \text{(# of objects in each group)} \end{array} = \begin{array}{c} \underline{\quad} \\ \text{(total number of items)} \end{array}$$

Step 2: Then, write the number in each group

$$\begin{array}{c} \underline{2} \\ \text{(# of groups)} \end{array} \times \begin{array}{c} \underline{6} \\ \text{(# of objects in each group)} \end{array} = \begin{array}{c} \underline{\quad} \\ \text{(total number of items)} \end{array}$$

Step 3: Last, find the total number of items.

$$\begin{array}{c} \underline{2} \\ \text{(# of groups)} \end{array} \times \begin{array}{c} \underline{6} \\ \text{(# of objects in each group)} \end{array} = \begin{array}{c} \underline{12} \\ \text{(total number of items)} \end{array}$$