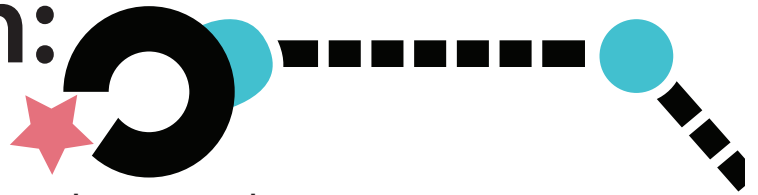


# Multiplication:

## Finding the Total with Arrays



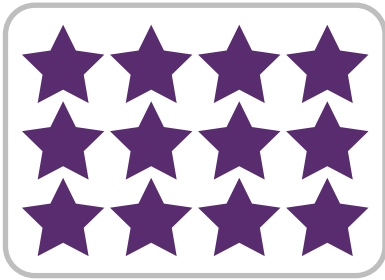
An array is an arrangement of objects in columns and rows. Drawing an array can help you solve multiplication problems.

In this array, there are 4 rows with 3 stars in each row.

There are 12 stars in total.

The multiplication sentence for this array is:

$$\begin{array}{c} \text{rows} \leftarrow 4 \times 3 = 12 \rightarrow \text{total \# of stars} \\ \downarrow \\ \text{stars in each row} \end{array}$$



1. Number of rows: \_\_\_\_\_  
Number of stars in each row: \_\_\_\_\_  
Multiplication sentence: \_\_\_\_\_



2. Number of rows: \_\_\_\_\_  
Number of stars in each row: \_\_\_\_\_  
Multiplication sentence: \_\_\_\_\_



3. Number of rows: \_\_\_\_\_  
Number of stars in each row: \_\_\_\_\_  
Multiplication sentence: \_\_\_\_\_



4. Number of rows: \_\_\_\_\_  
Number of stars in each row: \_\_\_\_\_  
Multiplication sentence: \_\_\_\_\_