

Dear Family,

This week your child is learning about adding with arrays.



Your child is working with arrays to build skills related to addition.

array: A set of objects arranged in equal rows and equal columns.
row: the horizontal groups of objects in an array.
column: the vertical groups of objects in an array.

The **array** of stars below has 3 **rows** and 4 **columns**. You can find the number of stars in the array by breaking apart the array into groups (rows or columns) and using addition strategies.

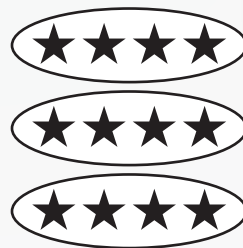
Break apart the array into 3 groups of 4 stars.

You can use a number sentence:

$$4 + 4 + 4 = 12$$

Or you can use skip counting by 4s:

4, 8, 12



Here is another way to count the number of stars.

Break apart the array into 4 groups of 3 stars.

You can use a number sentence:

$$3 + 3 + 3 + 3 = 12$$

Or you can use skip counting by 3s:

3, 6, 9, 12

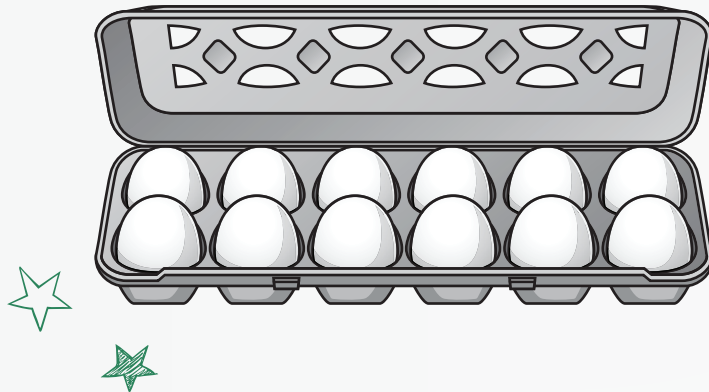


Invite your child to share what he or she knows about arrays by doing the following activity together.



Arrays Activity

- With your child, look for arrays in and around your home.
 - Examples: floor or wall tiles, window panes, a carton of eggs, a pack of bottles or cans, a package of English muffins, plants in a garden, shoes on shelves, or arrays made with buttons, fruit, or coins.
- For each array, ask your child to say how he or she could split up the array into groups and the number of items in each group.
 - Example: For an egg carton, your child might say “2 groups of 6 eggs” or “6 groups of 2 eggs.”
- Add to find out how many items there are in the array.
 - Example: $6 + 6 = 12$ or $2 + 2 + 2 + 2 + 2 + 2 = 12$



You can skip count by 2s to find the total number of eggs:
2, 4, 6, 8, 10, 12.

