

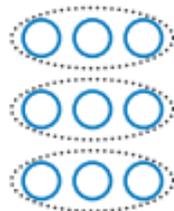
# 功课和练习 第2-3课

使用排列组合找出  
总和

**家庭活动** Gather 12 small objects. Have your child make an array with 4 rows and write an equation that matches their array. Then have your child make an array with 2 columns and write an equation that matches their array.

**再看!** You can use an array to show equal groups.

There are 3 rows.  
There are  
3 circles in  
each row.

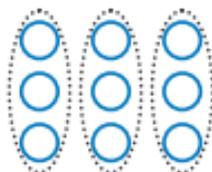


$$3 + 3 + 3 = 9$$

You can add  
the objects in an  
array by rows  
or columns!



There are 3 columns.  
There are  
3 circles in  
each column.



$$3 + 3 + 3 = 9$$

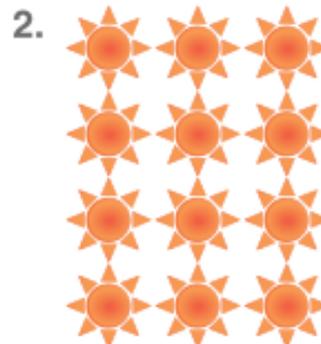


Write two equations that match each array.



By Rows \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

By Columns \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_



\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

© MP.4 Model Write two equations that match each array and tell the total number of objects.

3.  \_\_\_\_\_  
\_\_\_\_\_

Remember to write the sum.



4.  \_\_\_\_\_  
\_\_\_\_\_

5. **Math and Science** There are 4 rows of plants in the rainforest. Each row has 4 plants. How many plants are in the rainforest in all? Write an equation to solve the problem.



\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_  
\_\_\_\_\_ plants

6. © **Assessment** Gail puts her crayons in a box. She puts them in 3 rows. 5 crayons are in each row. Which equation shows the array Gail made and how many crayons there are in all?

- (A)  $3 + 3 + 3 = 9$
- (B)  $3 + 3 = 6$
- (C)  $5 + 5 + 5 = 15$
- (D)  $5 + 5 = 10$