

# Dear Family,

**This week your child is learning to find the numbers that make 8 and 9.**



As discussed in earlier letters, numbers can be made up of combinations of other numbers. In this lesson, drawings and 10-frames are used to explore the various ways to make 8 and 9.

Using 10-frames will help your child visualize the numbers that make 8 and 9, as well as help develop an understanding of how 8 and 9 relate to 5 and 10. For example, 8 is 5 and 3 more, and 9 is 1 less than 10. Being able to quickly relate numbers to 5 and 10 will help your child succeed in later work with greater numbers and with addition and subtraction.

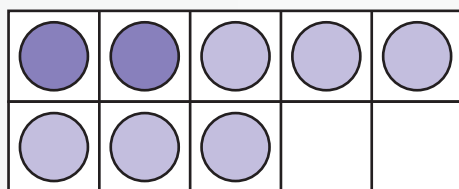
## Ways to Make 8

1 and 7	7 and 1
2 and 6	6 and 2
3 and 5	5 and 3
4 and 4	

## Ways to Make 9

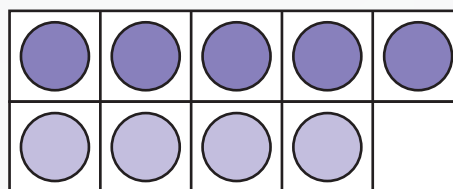
1 and 8	8 and 1
2 and 7	7 and 2
3 and 6	6 and 3
4 and 5	5 and 4

Make 8 on a 10-frame



2 and 6

Make 9 on a 10-frame



5 and 4

Invite your child to share what he or she knows about making 8 and 9 by doing the following activity together.

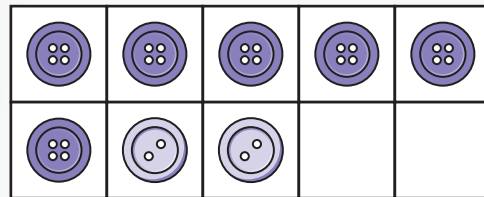


## Making 8 and 9 Activity

**Materials:** 18 small objects in two colors (9 of each color such as buttons, beads, dried beans, small blocks, pennies, nickels), paper bag or other container, 10-frame (provided below)

Help your child practice finding ways to make 8 and 9.

- Place 16 small objects in a paper bag. Make sure there are 8 objects of each color.
- Have your child remove 8 objects from the bag. After he or she has counted to check that there are 8 objects, your child sorts the objects by color into two groups.
- Then have your child place the objects on the 10-frame, starting from the top left and keeping same-colored objects together.



- Your child uses the objects in the 10-frame to tell you a way to make 8. For example, using the 10-frame above, your child might say, “6 and 2 make 8.”
- After doing the activity several times, add 1 more object of each color to the bag and have your child find ways to make 9.

