

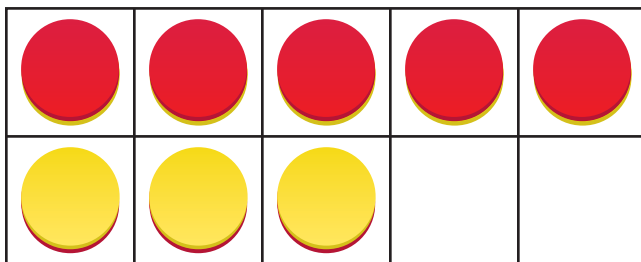
## Dear Family,

In this lesson your child is learning how modeling can help them solve addition and subtraction word problems.

Your child can model a problem by acting out the situation or by using objects or drawings to represent parts of the problem. Your child can also model a problem by writing an equation and describing what each number and symbol represents.

Consider these addition and subtraction problems:

- 5 children are on the swings. 3 more join them.  
How many children are on the swings now?

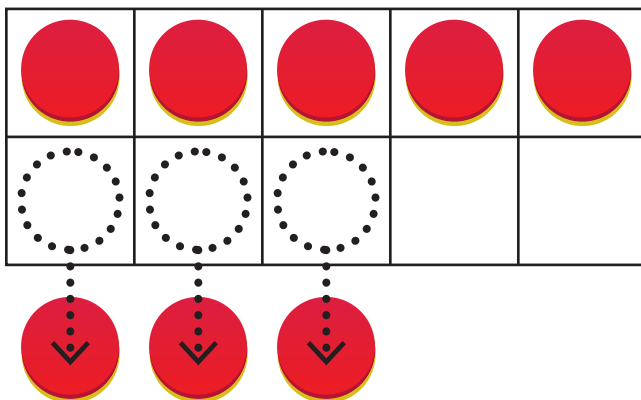


$$5 + 3 = 8$$

The equation  $5 + 3 = ?$  represents this problem.

8 children are on the swings now.

- 8 children are on the swings. 3 children leave.  
How many children are on the swings now?



$$8 - 3 = 5$$

The equation  $8 - 3 = ?$  represents this problem.

5 children are on the swings now.

**INVITE** your child to share what they know about solving addition and subtraction problems by doing the following activity together.

i-Ready Connect

Digital Math Tools



Counters and  
Connecting Cubes

Family Letters are also available  
in multiple languages.

# ACTIVITY

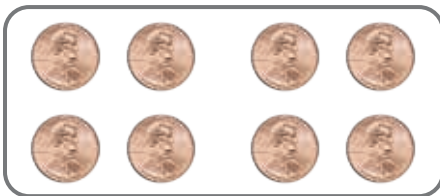


Do this activity with your child to explore showing and solving addition and subtraction problems.

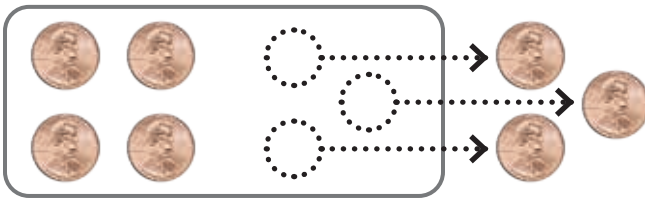
**MATERIALS:** 10 small objects, such as pennies

Help your child use objects to model solving addition and subtraction problems with numbers up to 10.

- Tell your child an addition story using the objects, such as: *You have 4 pennies. I give you 4 more. How many pennies do you have now?*
- Have your child act out the story using the objects.



- Ask your child to **SAY** how many pennies they have now.
- Next, ask your child to tell an addition story that you then act out.
- Repeat by telling a subtraction story, such as: *You have 7 pennies. Then you give me 3. How many pennies do you have now?*



- Next, ask your child to tell a subtraction story that you then act out.

**BONUS:** Have your child use objects such as pennies to help them solve the problems below.

4 children play. 6 more children join.  
How many children are there now?

7 dogs are at the park. 5 dogs leave.  
How many dogs are there now?

## Math on the

GO!

### Conversation Starter

Look for opportunities to add and subtract with numbers up to 10 in real-world situations.

For example:

- If your child has 6 crayons and gives 2 crayons to a family member or friend, how can your child find how many crayons they have now?
- If your child scores 3 goals at a soccer game on Monday and 2 goals on Wednesday, how can your child find how many goals they scored in all?

## SAY

4 pennies plus  
4 pennies is equal  
to 8 pennies.