

## KEY CONCEPT OVERVIEW

---

During the next few days, our math class will use objects, drawings, and number bonds to break apart numbers 9 and 10 into number pairs. Students will use objects to act out multiple stories involving the same total number, discovering that the whole can be broken apart in many ways. For example, 9 is 8 and 1, but it is also 7 and 2, 6 and 3, 5 and 4, and 9 and 0. Once again, students will focus on the pattern of 5 *and some more* as well as other patterns that make it easier to remember number pairs.

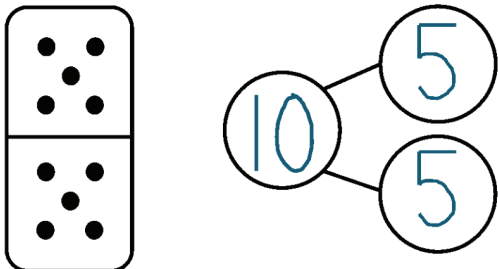
You can expect to see homework that asks your child to do the following:

- Look at a picture of 9 or 10 objects. Color some of the objects one color and the rest another color to separate the objects into two smaller groups. Tell whether there are other ways to break apart the group of 9 or 10 into two smaller groups.
- Look at a linking cube stick with two groups of cubes in different colors, and compare the stick with a completed number bond. Decide whether the parts of the number bond match the cube stick.
- Look at a number bond. Color the beads on a bracelet in two different colors to match the parts of the number bond.
- Fill in a number bond to match a domino. (See Sample Problem.)

## SAMPLE PROBLEM (From Lesson 28)

---

Write a number bond to match the domino.



Additional sample problems with detailed answer steps are found in the *Eureka Math Homework Helpers* books. Learn more at [GreatMinds.org](http://GreatMinds.org).

**HOW YOU CAN HELP AT HOME** 

---

- Invite your child to gather 9 or 10 small objects and tell a take apart/put together story about them. Remind your child that a take apart story is different from a take away story because in a take apart story, she does not remove any of the parts.
- Encourage your child to show a number the Math Way. Then ask, “How many more do you need to make 10?” For example, you might say, “Show me 8 the Math Way.” (Your child shows 8 on his fingers.) “How many more do you need to make 10?” (2)
- Invite your child to roll one die and then tell how many more she needs to make 9. If she struggles, give her 9 small items (e.g., pennies or beans) to use as counters. Play again, this time asking your child to tell how many more she needs to make 10.